

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA

Data relazione: 29/06/2013

Cliente:

S/W Version: 3.278

**Riepilogo:**

<u>Tutti i cavi</u>	<u>Twisted Pair</u>	<u>Coax/Twinax</u>	<u>Fibra</u>	<u>Custom</u>
Totale: 168	Totale: 168	Totale: 0	Totale: 0	Totale: 0
OK: 168	OK: 168	OK: 0	OK: 0	OK: 0
Errato: 0	Errato: 0	Errato: 0	Errato: 0	Errato: 0
	Lunghezza tot.: 7601.70m	Lunghezza tot.: 0.00m	Lunghezza tot.: 0.00m	Lunghezza tot.: 0.00m

**OK**

ID cavo 1: 0001	Tipo di cavo: CAT 6-250 UTP Perm	Test Standard: TIA/EIA-568-B.2
ID cavo 2:	NVP: 0.72c	Gamma frequenza: 1-250 MHz
Data del test: 29/06/2013	LT8600 [513010/513019]	Operatore: AT
Test Time: 09:37:14	F/W Version: V2.621	Contractor: YOUUS Srl
Adapter ID: 600		Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	3.9 dB @ 220.0 MHz		3,6	< 28.9 dB	+25.0 dB
Lunghezza	OK	8.0 m		7,8	< 90.0 m	+82.0 m
NEXT	OK	39.0 dB @ 245.5 MHz	DH	7,8-3,6	> 35.4 dB	+3.6 dB
Resistenza DC	OK	4.3 Ohm		5,4	< 20.0 Ohm	+15.7 Ohm
Impedenza	OK	97.8 Ohm		5,4	85.0 - 115.0 Ohm	+12.8 Ohm
Ritardo di propag.	OK	54.5 ns		5,4	510.0 ns	+455.5 ns
Diff. t. ritardo	OK	2.3 ns		5,4	< 43.0 ns	+40.7 ns
Capacità	OK	48.50 pF/m		5,4	< 66.00 pF/m	+17.5 pF/m
Return Loss	OK	13.0 dB @ 224.0 MHz	DH	7,8	> 10.5 dB	+2.5 dB
ACR	OK	35.6 dB @ 245.5 MHz	DH	3,6	>= 4.6 dB	+31.0 dB
ELFEXT	OK	32.9 dB @ 223.5 MHz	DH	5,4-3,6	> 17.2 dB	+15.7 dB
Riserva	OK	0.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	34.4 dB @ 229.5 MHz	DH	3,6	> 3.3 dB	+31.1 dB
Power Sum ELFEXT	OK	31.4 dB @ 223.5 MHz	DH	3,6	> 14.2 dB	+17.2 dB
Power Sum NEXT	OK	37.8 dB @ 244.0 MHz	DH	3,6	> 32.5 dB	+5.3 dB

**OK**

ID cavo 1: 0002	Tipo di cavo: CAT 6-250 UTP Perm	Test Standard: TIA/EIA-568-B.2
ID cavo 2:	NVP: 0.72c	Gamma frequenza: 1-250 MHz
Data del test: 29/06/2013	LT8600 [513010/513019]	Operatore: OPERATORE
Test Time: 09:39:08	F/W Version: V2.621	Contractor: YOUUS Srl
Adapter ID: 600		Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	5.6 dB @ 226.0 MHz		7,8	< 29.4 dB	+23.8 dB
Lunghezza	OK	14.8 m		7,8	< 90.0 m	+75.2 m
NEXT	OK	40.7 dB @ 233.5 MHz	DH	7,8-3,6	> 35.8 dB	+4.9 dB
Resistenza DC	OK	5.9 Ohm		5,4	< 20.0 Ohm	+14.1 Ohm
Impedenza	OK	102.0 Ohm		3,6	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	87.3 ns		5,4	510.0 ns	+422.7 ns
Diff. t. ritardo	OK	4.0 ns		5,4	< 43.0 ns	+39.0 ns
Capacità	OK	46.80 pF/m		5,4	< 66.00 pF/m	+19.2 pF/m
Return Loss	OK	13.8 dB @ 166.0 MHz	RH	7,8	> 11.8 dB	+2.0 dB
ACR	OK	35.2 dB @ 232.5 MHz	DH	3,6	>= 5.9 dB	+29.3 dB
ELFEXT	OK	35.6 dB @ 163.5 MHz	RH	3,6-7,8	> 19.9 dB	+15.7 dB
Riserva	OK	3.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	33.4 dB @ 232.5 MHz	DH	3,6	> 2.9 dB	+30.5 dB
Power Sum ELFEXT	OK	34.8 dB @ 164.0 MHz	DH	7,8	> 16.9 dB	+17.9 dB
Power Sum NEXT	OK	38.9 dB @ 232.5 MHz	DH	3,6	> 32.8 dB	+6.1 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0003  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:40:58  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	7.0 dB @ 227.0 MHz		7,8	< 29.5 dB	+22.5 dB
Lunghezza	OK	17.5 m		7,8	< 90.0 m	+72.5 m
NEXT	OK	40.4 dB @ 240.0 MHz	DH	7,8-3,6	> 35.6 dB	+4.8 dB
Resistenza DC	OK	6.1 Ohm		5,4	< 20.0 Ohm	+13.9 Ohm
Impedenza	OK	97.0 Ohm		5,4	85.0 - 115.0 Ohm	+12.0 Ohm
Ritardo di propag.	OK	100.3 ns		5,4	510.0 ns	+409.7 ns
Diff. t. ritardo	OK	4.4 ns		5,4	< 43.0 ns	+38.6 ns
Capacità	OK	48.70 pF/m		5,4	< 66.00 pF/m	+17.3 pF/m
Return Loss	OK	14.1 dB @ 225.5 MHz	RH	1,2	> 10.5 dB	+3.6 dB
ACR	OK	34.3 dB @ 240.0 MHz	DH	7,8	>= 5.2 dB	+29.1 dB
ELFEXT	OK	36.3 dB @ 226.0 MHz	RH	5,4-1,2	> 17.1 dB	+19.2 dB
Riserva	OK	6.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	33.5 dB @ 240.0 MHz	DH	3,6	> 2.2 dB	+31.3 dB
Power Sum ELFEXT	OK	36.6 dB @ 157.5 MHz	RH	3,6	> 17.2 dB	+19.4 dB
Power Sum NEXT	OK	39.4 dB @ 240.0 MHz	DH	3,6	> 32.6 dB	+6.8 dB

**OK**

ID cavo 1: 0004  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:42:38  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	7.2 dB @ 229.0 MHz		3,6	< 29.6 dB	+22.4 dB
Lunghezza	OK	18.1 m		7,8	< 90.0 m	+71.9 m
NEXT	OK	40.4 dB @ 240.5 MHz	DH	7,8-3,6	> 35.6 dB	+4.8 dB
Resistenza DC	OK	6.9 Ohm		5,4	< 20.0 Ohm	+13.1 Ohm
Impedenza	OK	98.1 Ohm		5,4	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	103.4 ns		5,4	510.0 ns	+406.6 ns
Diff. t. ritardo	OK	4.6 ns		5,4	< 43.0 ns	+38.4 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	13.8 dB @ 222.5 MHz	DH	7,8	> 10.5 dB	+3.3 dB
ACR	OK	33.3 dB @ 240.5 MHz	DH	3,6	>= 5.2 dB	+28.1 dB
ELFEXT	OK	39.5 dB @ 129.5 MHz	DH	3,6-5,4	> 21.9 dB	+17.6 dB
Riserva	OK	1.2 dB		N/A	N/A	N/A
Power Sum ACR	OK	32.2 dB @ 240.5 MHz	DH	3,6	> 2.2 dB	+30.0 dB
Power Sum ELFEXT	OK	37.1 dB @ 152.5 MHz	RH	3,6	> 17.5 dB	+19.6 dB
Power Sum NEXT	OK	39.3 dB @ 240.5 MHz	DH	3,6	> 32.6 dB	+6.7 dB

**OK**

ID cavo 1: 0005  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:45:02  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	7.8 dB @ 229.0 MHz		3,6	< 29.6 dB	+21.8 dB
Lunghezza	OK	18.0 m		7,8	< 90.0 m	+72.0 m
NEXT	OK	40.3 dB @ 242.0 MHz	DH	7,8-3,6	> 35.5 dB	+4.8 dB
Resistenza DC	OK	7.3 Ohm		5,4	< 20.0 Ohm	+12.7 Ohm
Impedenza	OK	101.7 Ohm		1,2	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	103.0 ns		5,4	510.0 ns	+407.0 ns
Diff. t. ritardo	OK	4.7 ns		5,4	< 43.0 ns	+38.3 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	14.2 dB @ 230.0 MHz	RH	3,6	> 10.4 dB	+3.8 dB
ACR	OK	33.2 dB @ 241.5 MHz	DH	3,6	>= 5.1 dB	+28.1 dB
ELFEXT	OK	36.2 dB @ 224.0 MHz	RH	5,4-1,2	> 17.2 dB	+19.0 dB
Riserva	OK	1.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	32.3 dB @ 242.0 MHz	DH	3,6	> 1.9 dB	+30.4 dB
Power Sum ELFEXT	OK	33.7 dB @ 224.5 MHz	DH	5,4	> 14.1 dB	+19.6 dB
Power Sum NEXT	OK	39.4 dB @ 242.0 MHz	DH	3,6	> 32.5 dB	+6.9 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0006  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:46:18  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	7.6 dB @ 233.0 MHz		5,4	< 29.9 dB	+22.3 dB
Lunghezza	OK	17.9 m		7,8	< 90.0 m	+72.1 m
NEXT	OK	41.9 dB @ 237.0 MHz	DH	7,8-3,6	> 35.7 dB	+6.2 dB
Resistenza DC	OK	6.7 Ohm		5,4	< 20.0 Ohm	+13.3 Ohm
Impedenza	OK	97.9 Ohm		5,4	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	102.7 ns		5,4	510.0 ns	+407.3 ns
Diff. t. ritardo	OK	4.6 ns		5,4	< 43.0 ns	+38.4 ns
Capacità	OK	48.30 pF/m		5,4	< 66.00 pF/m	+17.7 pF/m
Return Loss	OK	13.9 dB @ 224.5 MHz	RH	7,8	> 10.5 dB	+3.4 dB
ACR	OK	35.1 dB @ 237.0 MHz	DH	3,6	>= 5.5 dB	+29.6 dB
ELFEXT	OK	35.1 dB @ 166.5 MHz	RH	3,6-7,8	> 19.7 dB	+15.4 dB
Riserva	OK	2.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	33.3 dB @ 247.0 MHz	DH	3,6	> 1.5 dB	+31.8 dB
Power Sum ELFEXT	OK	33.3 dB @ 166.5 MHz	RH	3,6	> 16.7 dB	+16.6 dB
Power Sum NEXT	OK	40.2 dB @ 247.5 MHz	DH	3,6	> 32.4 dB	+7.8 dB

**OK**

ID cavo 1: 0007  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:47:50  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	8.0 dB @ 233.0 MHz		7,8	< 29.9 dB	+21.9 dB
Lunghezza	OK	23.0 m		7,8	< 90.0 m	+67.0 m
NEXT	OK	40.7 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+5.2 dB
Resistenza DC	OK	7.5 Ohm		5,4	< 20.0 Ohm	+12.5 Ohm
Impedenza	OK	103.4 Ohm		1,2	85.0 - 115.0 Ohm	+11.6 Ohm
Ritardo di propag.	OK	127.2 ns		5,4	510.0 ns	+382.8 ns
Diff. t. ritardo	OK	5.5 ns		5,4	< 43.0 ns	+37.5 ns
Capacità	OK	48.40 pF/m		5,4	< 66.00 pF/m	+17.6 pF/m
Return Loss	OK	15.0 dB @ 214.0 MHz	RH	7,8	> 10.7 dB	+4.3 dB
ACR	OK	33.0 dB @ 233.0 MHz	DH	7,8	>= 5.9 dB	+27.1 dB
ELFEXT	OK	34.5 dB @ 250.0 MHz	DH	3,6-5,4	> 16.2 dB	+18.3 dB
Riserva	OK	5.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	31.1 dB @ 237.5 MHz	DH	3,6	> 2.5 dB	+28.6 dB
Power Sum ELFEXT	OK	32.4 dB @ 237.5 MHz	RH	3,6	> 13.7 dB	+18.7 dB
Power Sum NEXT	OK	38.9 dB @ 237.5 MHz	DH	3,6	> 32.7 dB	+6.2 dB

**OK**

ID cavo 1: 0008  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:48:54  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	9.1 dB @ 230.5 MHz		5,4	< 29.7 dB	+20.6 dB
Lunghezza	OK	23.3 m		7,8	< 90.0 m	+66.7 m
NEXT	OK	39.7 dB @ 231.0 MHz	DH	7,8-3,6	> 35.9 dB	+3.8 dB
Resistenza DC	OK	7.7 Ohm		5,4	< 20.0 Ohm	+12.3 Ohm
Impedenza	OK	95.7 Ohm		5,4	85.0 - 115.0 Ohm	+10.7 Ohm
Ritardo di propag.	OK	128.3 ns		5,4	510.0 ns	+381.7 ns
Diff. t. ritardo	OK	5.5 ns		5,4	< 43.0 ns	+37.5 ns
Capacità	OK	49.30 pF/m		5,4	< 66.00 pF/m	+16.7 pF/m
Return Loss	OK	14.1 dB @ 215.5 MHz	RH	1,2	> 10.7 dB	+3.4 dB
ACR	OK	31.5 dB @ 231.0 MHz	DH	3,6	>= 6.1 dB	+25.4 dB
ELFEXT	OK	32.7 dB @ 232.5 MHz	RH	3,6-7,8	> 16.8 dB	+15.9 dB
Riserva	OK	1.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	31.7 dB @ 231.0 MHz	DH	7,8	> 3.1 dB	+28.6 dB
Power Sum ELFEXT	OK	31.5 dB @ 235.5 MHz	RH	3,6	> 13.7 dB	+17.8 dB
Power Sum NEXT	OK	39.4 dB @ 231.0 MHz	DH	7,8	> 32.9 dB	+6.5 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0009  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:50:24  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.3 dB @ 229.0 MHz		3,6	< 29.6 dB	+16.3 dB
Lunghezza	OK	37.2 m		1,2	< 90.0 m	+52.8 m
NEXT	OK	40.5 dB @ 250.0 MHz	DH	7,8-3,6	> 35.3 dB	+5.2 dB
Resistenza DC	OK	9.7 Ohm		5,4	< 20.0 Ohm	+10.3 Ohm
Impedenza	OK	95.7 Ohm		5,4	85.0 - 115.0 Ohm	+10.7 Ohm
Ritardo di propag.	OK	197.0 ns		5,4	510.0 ns	+313.0 ns
Diff. t. ritardo	OK	9.5 ns		5,4	< 43.0 ns	+33.5 ns
Capacità	OK	49.40 pF/m		5,4	< 66.00 pF/m	+16.6 pF/m
Return Loss	OK	15.2 dB @ 154.5 MHz	RH	1,2	> 12.1 dB	+3.1 dB
ACR	OK	27.8 dB @ 249.5 MHz	DH	3,6	>= 4.2 dB	+23.6 dB
ELFEXT	OK	30.6 dB @ 232.5 MHz	RH	3,6-7,8	> 16.8 dB	+13.8 dB
Riserva	OK	5.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.6 dB @ 240.0 MHz	DH	3,6	> 2.2 dB	+24.4 dB
Power Sum ELFEXT	OK	28.6 dB @ 232.5 MHz	RH	3,6	> 13.8 dB	+14.8 dB
Power Sum NEXT	OK	39.5 dB @ 240.0 MHz	DH	3,6	> 32.6 dB	+6.9 dB

**OK**

ID cavo 1: 0010  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:53:54  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.7 dB @ 238.5 MHz		7,8	< 30.3 dB	+16.6 dB
Lunghezza	OK	37.4 m		1,2	< 90.0 m	+52.6 m
NEXT	OK	41.5 dB @ 238.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.8 dB
Resistenza DC	OK	9.8 Ohm		5,4	< 20.0 Ohm	+10.2 Ohm
Impedenza	OK	95.5 Ohm		5,4	85.0 - 115.0 Ohm	+10.5 Ohm
Ritardo di propag.	OK	198.2 ns		5,4	510.0 ns	+311.8 ns
Diff. t. ritardo	OK	9.8 ns		5,4	< 43.0 ns	+33.2 ns
Capacità	OK	49.50 pF/m		5,4	< 66.00 pF/m	+16.5 pF/m
Return Loss	OK	15.5 dB @ 176.5 MHz	DH	1,2	> 11.5 dB	+4.0 dB
ACR	OK	27.8 dB @ 238.5 MHz	DH	7,8	>= 5.4 dB	+22.4 dB
ELFEXT	OK	30.0 dB @ 231.5 MHz	RH	3,6-7,8	> 16.9 dB	+13.1 dB
Riserva	OK	4.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	27.6 dB @ 238.5 MHz	DH	7,8	> 2.4 dB	+25.2 dB
Power Sum ELFEXT	OK	27.5 dB @ 247.5 MHz	RH	3,6	> 13.3 dB	+14.2 dB
Power Sum NEXT	OK	40.6 dB @ 238.5 MHz	DH	3,6	> 32.7 dB	+7.9 dB

**OK**

ID cavo 1: 0011  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:55:27  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.7 dB @ 244.0 MHz		5,4	< 30.7 dB	+17.0 dB
Lunghezza	OK	37.6 m		7,8	< 90.0 m	+52.4 m
NEXT	OK	40.5 dB @ 243.5 MHz	DH	7,8-3,6	> 35.5 dB	+5.0 dB
Resistenza DC	OK	10.7 Ohm		5,4	< 20.0 Ohm	+9.3 Ohm
Impedenza	OK	96.4 Ohm		5,4	85.0 - 115.0 Ohm	+11.4 Ohm
Ritardo di propag.	OK	199.2 ns		5,4	510.0 ns	+310.8 ns
Diff. t. ritardo	OK	9.8 ns		5,4	< 43.0 ns	+33.2 ns
Capacità	OK	49.00 pF/m		5,4	< 66.00 pF/m	+17.0 pF/m
Return Loss	OK	14.5 dB @ 233.5 MHz	DH	3,6	> 10.3 dB	+4.2 dB
ACR	OK	27.5 dB @ 243.0 MHz	DH	3,6	>= 4.9 dB	+22.6 dB
ELFEXT	OK	30.4 dB @ 228.5 MHz	RH	3,6-7,8	> 17.0 dB	+13.4 dB
Riserva	OK	7.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.9 dB @ 238.0 MHz	DH	3,6	> 2.4 dB	+24.5 dB
Power Sum ELFEXT	OK	28.6 dB @ 243.0 MHz	DH	3,6	> 13.5 dB	+15.1 dB
Power Sum NEXT	OK	39.5 dB @ 238.0 MHz	DH	3,6	> 32.7 dB	+6.8 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0012  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:56:42  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.7 dB @ 236.0 MHz		5,4	< 30.1 dB	+16.4 dB
Lunghezza	OK	37.6 m		7,8	< 90.0 m	+52.4 m
NEXT	OK	41.5 dB @ 238.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.8 dB
Resistenza DC	OK	10.6 Ohm		5,4	< 20.0 Ohm	+9.4 Ohm
Impedenza	OK	95.8 Ohm		5,4	85.0 - 115.0 Ohm	+10.8 Ohm
Ritardo di propag.	OK	198.7 ns		5,4	510.0 ns	+311.3 ns
Diff. t. ritardo	OK	9.7 ns		5,4	< 43.0 ns	+33.3 ns
Capacità	OK	49.30 pF/m		5,4	< 66.00 pF/m	+16.7 pF/m
Return Loss	OK	15.2 dB @ 224.5 MHz	RH	7,8	> 10.5 dB	+4.7 dB
ACR	OK	28.5 dB @ 238.5 MHz	DH	3,6	>= 5.4 dB	+23.1 dB
ELFEXT	OK	28.8 dB @ 235.5 MHz	RH	3,6-7,8	> 16.7 dB	+12.1 dB
Riserva	OK	7.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	27.7 dB @ 238.5 MHz	DH	3,6	> 2.4 dB	+25.3 dB
Power Sum ELFEXT	OK	26.2 dB @ 248.5 MHz	RH	3,6	> 13.3 dB	+12.9 dB
Power Sum NEXT	OK	40.6 dB @ 233.0 MHz	DH	3,6	> 32.8 dB	+7.8 dB

**OK**

ID cavo 1: 0013  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:58:00  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.5 dB @ 237.5 MHz		3,6	< 30.2 dB	+18.7 dB
Lunghezza	OK	30.5 m		7,8	< 90.0 m	+59.5 m
NEXT	OK	41.7 dB @ 244.5 MHz	DH	7,8-3,6	> 35.5 dB	+6.2 dB
Resistenza DC	OK	9.3 Ohm		5,4	< 20.0 Ohm	+10.7 Ohm
Impedenza	OK	96.0 Ohm		5,4	85.0 - 115.0 Ohm	+11.0 Ohm
Ritardo di propag.	OK	163.5 ns		5,4	510.0 ns	+346.5 ns
Diff. t. ritardo	OK	7.2 ns		5,4	< 43.0 ns	+35.8 ns
Capacità	OK	49.20 pF/m		5,4	< 66.00 pF/m	+16.8 pF/m
Return Loss	OK	13.7 dB @ 227.5 MHz	RH	7,8	> 10.4 dB	+3.3 dB
ACR	OK	30.6 dB @ 250.0 MHz	DH	3,6	>= 4.1 dB	+26.5 dB
ELFEXT	OK	33.7 dB @ 250.0 MHz	DH	3,6-5,4	> 16.2 dB	+17.5 dB
Riserva	OK	4.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.9 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+27.8 dB
Power Sum ELFEXT	OK	31.3 dB @ 250.0 MHz	RH	3,6	> 13.2 dB	+18.1 dB
Power Sum NEXT	OK	40.1 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.8 dB

**OK**

ID cavo 1: 0014  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 09:59:05  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.0 dB @ 222.5 MHz		1,2	< 29.1 dB	+18.1 dB
Lunghezza	OK	30.5 m		7,8	< 90.0 m	+59.5 m
NEXT	OK	41.7 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+6.2 dB
Resistenza DC	OK	9.3 Ohm		5,4	< 20.0 Ohm	+10.7 Ohm
Impedenza	OK	97.4 Ohm		5,4	85.0 - 115.0 Ohm	+12.4 Ohm
Ritardo di propag.	OK	163.9 ns		5,4	510.0 ns	+346.1 ns
Diff. t. ritardo	OK	7.6 ns		5,4	< 43.0 ns	+35.4 ns
Capacità	OK	48.60 pF/m		5,4	< 66.00 pF/m	+17.4 pF/m
Return Loss	OK	15.3 dB @ 217.5 MHz	RH	7,8	> 10.6 dB	+4.7 dB
ACR	OK	30.8 dB @ 235.0 MHz	DH	3,6	>= 5.8 dB	+25.0 dB
ELFEXT	OK	31.2 dB @ 248.5 MHz	DH	7,8-3,6	> 16.3 dB	+14.9 dB
Riserva	OK	5.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.9 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+27.8 dB
Power Sum ELFEXT	OK	29.0 dB @ 248.5 MHz	DH	3,6	> 13.3 dB	+15.7 dB
Power Sum NEXT	OK	39.8 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.5 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0015  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:00:44  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	12.0 dB @ 243.0 MHz		5,4	< 30.6 dB	+18.6 dB
Lunghezza	OK	30.9 m		7,8	< 90.0 m	+59.1 m
NEXT	OK	42.2 dB @ 236.5 MHz	DH	7,8-3,6	> 35.7 dB	+6.5 dB
Resistenza DC	OK	9.0 Ohm		5,4	< 20.0 Ohm	+11.0 Ohm
Impedenza	OK	94.8 Ohm		5,4	85.0 - 115.0 Ohm	+9.8 Ohm
Ritardo di propag.	OK	165.8 ns		5,4	510.0 ns	+344.2 ns
Diff. t. ritardo	OK	7.8 ns		5,4	< 43.0 ns	+35.2 ns
Capacità	OK	49.90 pF/m		5,4	< 66.00 pF/m	+16.1 pF/m
Return Loss	OK	14.6 dB @ 234.0 MHz	RH	1,2	> 10.3 dB	+4.3 dB
ACR	OK	31.2 dB @ 233.0 MHz	DH	3,6	>= 5.9 dB	+25.3 dB
ELFEXT	OK	32.4 dB @ 243.0 MHz	DH	3,6-5,4	> 16.5 dB	+15.9 dB
Riserva	OK	5.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	31.2 dB @ 233.5 MHz	DH	7,8	> 2.9 dB	+28.3 dB
Power Sum ELFEXT	OK	30.3 dB @ 247.5 MHz	RH	3,6	> 13.3 dB	+17.0 dB
Power Sum NEXT	OK	41.3 dB @ 236.5 MHz	DH	3,6	> 32.7 dB	+8.6 dB

**OK**

ID cavo 1: 0016  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:01:54  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.6 dB @ 224.0 MHz		7,8	< 29.2 dB	+17.6 dB
Lunghezza	OK	31.0 m		7,8	< 90.0 m	+59.0 m
NEXT	OK	40.8 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+5.3 dB
Resistenza DC	OK	9.0 Ohm		5,4	< 20.0 Ohm	+11.0 Ohm
Impedenza	OK	95.2 Ohm		5,4	85.0 - 115.0 Ohm	+10.2 Ohm
Ritardo di propag.	OK	166.0 ns		5,4	510.0 ns	+344.0 ns
Diff. t. ritardo	OK	7.4 ns		5,4	< 43.0 ns	+35.6 ns
Capacità	OK	49.60 pF/m		5,4	< 66.00 pF/m	+16.4 pF/m
Return Loss	OK	15.6 dB @ 164.5 MHz	RH	1,2	> 11.8 dB	+3.8 dB
ACR	OK	29.7 dB @ 242.0 MHz	DH	3,6	>= 4.9 dB	+24.8 dB
ELFEXT	OK	33.7 dB @ 249.5 MHz	DH	7,8-3,6	> 16.2 dB	+17.5 dB
Riserva	OK	3.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.5 dB @ 240.0 MHz	DH	3,6	> 2.2 dB	+26.3 dB
Power Sum ELFEXT	OK	31.3 dB @ 246.5 MHz	DH	3,6	> 13.3 dB	+18.0 dB
Power Sum NEXT	OK	39.5 dB @ 243.0 MHz	DH	3,6	> 32.5 dB	+7.0 dB

**OK**

ID cavo 1: 0017  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:02:56  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.7 dB @ 248.0 MHz		5,4	< 31.0 dB	+19.3 dB
Lunghezza	OK	30.9 m		7,8	< 90.0 m	+59.1 m
NEXT	OK	41.3 dB @ 243.5 MHz	DH	7,8-3,6	> 35.5 dB	+5.8 dB
Resistenza DC	OK	9.1 Ohm		5,4	< 20.0 Ohm	+10.9 Ohm
Impedenza	OK	94.8 Ohm		5,4	85.0 - 115.0 Ohm	+9.8 Ohm
Ritardo di propag.	OK	166.0 ns		5,4	510.0 ns	+344.0 ns
Diff. t. ritardo	OK	7.6 ns		5,4	< 43.0 ns	+35.4 ns
Capacità	OK	49.80 pF/m		5,4	< 66.00 pF/m	+16.2 pF/m
Return Loss	OK	13.8 dB @ 217.5 MHz	RH	7,8	> 10.6 dB	+3.2 dB
ACR	OK	30.0 dB @ 243.5 MHz	DH	3,6	>= 4.8 dB	+25.2 dB
ELFEXT	OK	32.5 dB @ 247.5 MHz	RH	3,6-7,8	> 16.3 dB	+16.2 dB
Riserva	OK	4.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.0 dB @ 243.5 MHz	DH	3,6	> 1.8 dB	+27.2 dB
Power Sum ELFEXT	OK	30.3 dB @ 247.5 MHz	RH	3,6	> 13.3 dB	+17.0 dB
Power Sum NEXT	OK	40.2 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.9 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0018  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:04:01  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.9 dB @ 242.5 MHz		5,4	< 30.6 dB	+18.7 dB
Lunghezza	OK	30.9 m		7,8	< 90.0 m	+59.1 m
NEXT	OK	41.8 dB @ 235.5 MHz	DH	7,8-3,6	> 35.7 dB	+6.1 dB
Resistenza DC	OK	9.3 Ohm		5,4	< 20.0 Ohm	+10.7 Ohm
Impedenza	OK	95.2 Ohm		5,4	85.0 - 115.0 Ohm	+10.2 Ohm
Ritardo di propag.	OK	165.8 ns		5,4	510.0 ns	+344.2 ns
Diff. t. ritardo	OK	7.6 ns		5,4	< 43.0 ns	+35.4 ns
Capacità	OK	49.60 pF/m		5,4	< 66.00 pF/m	+16.4 pF/m
Return Loss	OK	14.0 dB @ 224.5 MHz	RH	7,8	> 10.5 dB	+3.5 dB
ACR	OK	31.0 dB @ 235.0 MHz	DH	3,6	>= 5.8 dB	+25.2 dB
ELFEXT	OK	32.8 dB @ 242.5 MHz	DH	3,6-5,4	> 16.5 dB	+16.3 dB
Riserva	OK	5.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.8 dB @ 235.0 MHz	DH	3,6	> 2.8 dB	+27.0 dB
Power Sum ELFEXT	OK	31.0 dB @ 248.5 MHz	RH	3,6	> 13.3 dB	+17.7 dB
Power Sum NEXT	OK	40.7 dB @ 235.5 MHz	DH	3,6	> 32.7 dB	+8.0 dB

**OK**

ID cavo 1: 0019  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:05:28  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.8 dB @ 232.5 MHz		3,6	< 29.9 dB	+18.1 dB
Lunghezza	OK	31.6 m		7,8	< 90.0 m	+58.4 m
NEXT	OK	41.1 dB @ 229.5 MHz	DH	7,8-3,6	> 35.9 dB	+5.2 dB
Resistenza DC	OK	8.8 Ohm		5,4	< 20.0 Ohm	+11.2 Ohm
Impedenza	OK	95.0 Ohm		5,4	85.0 - 115.0 Ohm	+10.0 Ohm
Ritardo di propag.	OK	169.5 ns		5,4	510.0 ns	+340.5 ns
Diff. t. ritardo	OK	8.0 ns		5,4	< 43.0 ns	+35.0 ns
Capacità	OK	49.80 pF/m		5,4	< 66.00 pF/m	+16.2 pF/m
Return Loss	OK	15.0 dB @ 165.5 MHz	RH	3,6	> 11.8 dB	+3.2 dB
ACR	OK	30.2 dB @ 229.5 MHz	DH	3,6	>= 6.3 dB	+23.9 dB
ELFEXT	OK	32.7 dB @ 249.5 MHz	DH	3,6-5,4	> 16.2 dB	+16.5 dB
Riserva	OK	6.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.5 dB @ 237.0 MHz	DH	3,6	> 2.5 dB	+27.0 dB
Power Sum ELFEXT	OK	30.7 dB @ 249.0 MHz	DH	3,6	> 13.2 dB	+17.5 dB
Power Sum NEXT	OK	40.5 dB @ 237.0 MHz	DH	3,6	> 32.7 dB	+7.8 dB

**OK**

ID cavo 1: 0020  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:06:40  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	12.3 dB @ 248.5 MHz		5,4	< 31.0 dB	+18.7 dB
Lunghezza	OK	31.8 m		7,8	< 90.0 m	+58.2 m
NEXT	OK	41.5 dB @ 232.0 MHz	DH	7,8-3,6	> 35.8 dB	+5.7 dB
Resistenza DC	OK	9.1 Ohm		5,4	< 20.0 Ohm	+10.9 Ohm
Impedenza	OK	94.7 Ohm		5,4	85.0 - 115.0 Ohm	+9.7 Ohm
Ritardo di propag.	OK	170.4 ns		5,4	510.0 ns	+339.6 ns
Diff. t. ritardo	OK	8.2 ns		5,4	< 43.0 ns	+34.8 ns
Capacità	OK	50.00 pF/m		5,4	< 66.00 pF/m	+16.0 pF/m
Return Loss	OK	14.9 dB @ 219.0 MHz	RH	7,8	> 10.6 dB	+4.3 dB
ACR	OK	30.6 dB @ 232.0 MHz	DH	7,8	>= 6.0 dB	+24.6 dB
ELFEXT	OK	32.7 dB @ 248.5 MHz	DH	3,6-5,4	> 16.3 dB	+16.4 dB
Riserva	OK	4.2 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.4 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+26.3 dB
Power Sum ELFEXT	OK	30.3 dB @ 248.5 MHz	RH	3,6	> 13.3 dB	+17.0 dB
Power Sum NEXT	OK	40.0 dB @ 242.5 MHz	DH	3,6	> 32.5 dB	+7.5 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0021  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:07:47  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	12.0 dB @ 230.5 MHz		5,4	< 29.7 dB	+17.7 dB
Lunghezza	OK	31.6 m		7,8	< 90.0 m	+58.4 m
NEXT	OK	41.5 dB @ 249.5 MHz	DH	7,8-3,6	> 35.3 dB	+6.2 dB
Resistenza DC	OK	9.1 Ohm		5,4	< 20.0 Ohm	+10.9 Ohm
Impedenza	OK	95.0 Ohm		5,4	85.0 - 115.0 Ohm	+10.0 Ohm
Ritardo di propag.	OK	169.3 ns		5,4	510.0 ns	+340.7 ns
Diff. t. ritardo	OK	7.7 ns		5,4	< 43.0 ns	+35.3 ns
Capacità	OK	49.70 pF/m		5,4	< 66.00 pF/m	+16.3 pF/m
Return Loss	OK	15.4 dB @ 173.5 MHz	RH	7,8	> 11.6 dB	+3.8 dB
ACR	OK	30.3 dB @ 249.5 MHz	DH	3,6	>= 4.2 dB	+26.1 dB
ELFEXT	OK	32.3 dB @ 248.0 MHz	RH	3,6-7,8	> 16.3 dB	+16.0 dB
Riserva	OK	5.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.0 dB @ 249.5 MHz	DH	3,6	> 1.2 dB	+27.8 dB
Power Sum ELFEXT	OK	30.2 dB @ 249.5 MHz	DH	3,6	> 13.2 dB	+17.0 dB
Power Sum NEXT	OK	40.2 dB @ 249.5 MHz	DH	3,6	> 32.3 dB	+7.9 dB

**OK**

ID cavo 1: 0022  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:08:50  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.4 dB @ 217.5 MHz		1,2	< 28.7 dB	+17.3 dB
Lunghezza	OK	31.6 m		7,8	< 90.0 m	+58.4 m
NEXT	OK	41.6 dB @ 233.5 MHz	DH	7,8-3,6	> 35.8 dB	+5.8 dB
Resistenza DC	OK	9.4 Ohm		5,4	< 20.0 Ohm	+10.6 Ohm
Impedenza	OK	94.9 Ohm		5,4	85.0 - 115.0 Ohm	+9.9 Ohm
Ritardo di propag.	OK	169.6 ns		5,4	510.0 ns	+340.4 ns
Diff. t. ritardo	OK	8.1 ns		5,4	< 43.0 ns	+34.9 ns
Capacità	OK	49.70 pF/m		5,4	< 66.00 pF/m	+16.3 pF/m
Return Loss	OK	14.1 dB @ 226.0 MHz	RH	1,2	> 10.4 dB	+3.7 dB
ACR	OK	30.7 dB @ 233.5 MHz	DH	7,8	>= 5.9 dB	+24.8 dB
ELFEXT	OK	31.7 dB @ 246.5 MHz	RH	3,6-7,8	> 16.3 dB	+15.4 dB
Riserva	OK	3.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.7 dB @ 248.5 MHz	DH	3,6	> 1.4 dB	+27.3 dB
Power Sum ELFEXT	OK	29.6 dB @ 248.5 MHz	RH	3,6	> 13.3 dB	+16.3 dB
Power Sum NEXT	OK	40.8 dB @ 248.0 MHz	DH	3,6	> 32.4 dB	+8.4 dB

**OK**

ID cavo 1: 0023  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:10:01  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.7 dB @ 233.0 MHz		7,8	< 29.9 dB	+16.2 dB
Lunghezza	OK	34.2 m		7,8	< 90.0 m	+55.8 m
NEXT	OK	41.5 dB @ 234.5 MHz	DH	7,8-3,6	> 35.8 dB	+5.7 dB
Resistenza DC	OK	9.4 Ohm		5,4	< 20.0 Ohm	+10.6 Ohm
Impedenza	OK	97.4 Ohm		3,6	85.0 - 115.0 Ohm	+12.4 Ohm
Ritardo di propag.	OK	182.0 ns		5,4	510.0 ns	+328.0 ns
Diff. t. ritardo	OK	8.5 ns		5,4	< 43.0 ns	+34.5 ns
Capacità	OK	48.60 pF/m		5,4	< 66.00 pF/m	+17.4 pF/m
Return Loss	OK	15.1 dB @ 219.0 MHz	RH	1,2	> 10.6 dB	+4.5 dB
ACR	OK	27.4 dB @ 235.5 MHz	DH	3,6	>= 5.6 dB	+21.8 dB
ELFEXT	OK	30.8 dB @ 235.5 MHz	RH	3,6-7,8	> 16.7 dB	+14.1 dB
Riserva	OK	0.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.9 dB @ 235.5 MHz	DH	3,6	> 2.6 dB	+23.3 dB
Power Sum ELFEXT	OK	28.1 dB @ 250.0 MHz	RH	3,6	> 13.2 dB	+14.9 dB
Power Sum NEXT	OK	40.2 dB @ 234.5 MHz	DH	3,6	> 32.8 dB	+7.4 dB



# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0024  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:11:00  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	15.2 dB @ 237.5 MHz		5,4	< 30.2 dB	+15.0 dB
Lunghezza	OK	34.1 m		7,8	< 90.0 m	+55.9 m
NEXT	OK	40.6 dB @ 240.5 MHz	DH	7,8-3,6	> 35.6 dB	+5.0 dB
Resistenza DC	OK	9.5 Ohm		5,4	< 20.0 Ohm	+10.5 Ohm
Impedenza	OK	97.2 Ohm		5,4	85.0 - 115.0 Ohm	+12.2 Ohm
Ritardo di propag.	OK	181.6 ns		5,4	510.0 ns	+328.4 ns
Diff. t. ritardo	OK	8.6 ns		5,4	< 43.0 ns	+34.4 ns
Capacità	OK	48.50 pF/m		3,6	< 66.00 pF/m	+17.5 pF/m
Return Loss	OK	15.2 dB @ 164.0 MHz	RH	3,6	> 11.8 dB	+3.4 dB
ACR	OK	26.3 dB @ 241.5 MHz	DH	3,6	>= 5.1 dB	+21.2 dB
ELFEXT	OK	31.6 dB @ 237.5 MHz	RH	5,4-3,6	> 16.7 dB	+14.9 dB
Riserva	OK	0.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.8 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+23.7 dB
Power Sum ELFEXT	OK	29.2 dB @ 232.5 MHz	RH	3,6	> 13.8 dB	+15.4 dB
Power Sum NEXT	OK	40.1 dB @ 240.5 MHz	DH	3,6	> 32.6 dB	+7.5 dB

**OK**

ID cavo 1: 0025  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:12:02  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	15.4 dB @ 244.5 MHz		3,6	< 30.7 dB	+15.3 dB
Lunghezza	OK	34.0 m		7,8	< 90.0 m	+56.0 m
NEXT	OK	41.3 dB @ 248.5 MHz	DH	7,8-3,6	> 35.4 dB	+5.9 dB
Resistenza DC	OK	9.4 Ohm		5,4	< 20.0 Ohm	+10.6 Ohm
Impedenza	OK	97.3 Ohm		5,4	85.0 - 115.0 Ohm	+12.3 Ohm
Ritardo di propag.	OK	181.1 ns		5,4	510.0 ns	+328.9 ns
Diff. t. ritardo	OK	8.4 ns		5,4	< 43.0 ns	+34.6 ns
Capacità	OK	48.50 pF/m		3,6	< 66.00 pF/m	+17.5 pF/m
Return Loss	OK	14.3 dB @ 221.5 MHz	RH	7,8	> 10.5 dB	+3.8 dB
ACR	OK	26.2 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+21.4 dB
ELFEXT	OK	30.3 dB @ 244.5 MHz	DH	5,4-3,6	> 16.4 dB	+13.9 dB
Riserva	OK	0.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.0 dB @ 244.5 MHz	DH	3,6	> 1.8 dB	+23.2 dB
Power Sum ELFEXT	OK	27.8 dB @ 244.5 MHz	DH	3,6	> 13.4 dB	+14.4 dB
Power Sum NEXT	OK	40.0 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.7 dB

**OK**

ID cavo 1: 0026  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:13:02  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.8 dB @ 233.5 MHz		3,6	< 29.9 dB	+15.1 dB
Lunghezza	OK	33.9 m		7,8	< 90.0 m	+56.1 m
NEXT	OK	40.5 dB @ 236.5 MHz	DH	7,8-3,6	> 35.7 dB	+4.8 dB
Resistenza DC	OK	9.5 Ohm		5,4	< 20.0 Ohm	+10.5 Ohm
Impedenza	OK	97.0 Ohm		5,4	85.0 - 115.0 Ohm	+12.0 Ohm
Ritardo di propag.	OK	180.6 ns		5,4	510.0 ns	+329.4 ns
Diff. t. ritardo	OK	8.5 ns		5,4	< 43.0 ns	+34.5 ns
Capacità	OK	48.60 pF/m		3,6	< 66.00 pF/m	+17.4 pF/m
Return Loss	OK	14.3 dB @ 219.0 MHz	RH	7,8	> 10.6 dB	+3.7 dB
ACR	OK	26.7 dB @ 236.0 MHz	DH	3,6	>= 5.6 dB	+21.1 dB
ELFEXT	OK	32.1 dB @ 248.5 MHz	RH	3,6-7,8	> 16.3 dB	+15.8 dB
Riserva	OK	0.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.8 dB @ 236.0 MHz	DH	3,6	> 2.6 dB	+23.2 dB
Power Sum ELFEXT	OK	29.0 dB @ 233.5 MHz	RH	3,6	> 13.8 dB	+15.2 dB
Power Sum NEXT	OK	39.5 dB @ 235.5 MHz	DH	3,6	> 32.7 dB	+6.8 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0027  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:14:11  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.1 dB @ 238.5 MHz		3,6	< 30.3 dB	+16.2 dB
Lunghezza	OK	39.8 m		7,8	< 90.0 m	+50.2 m
NEXT	OK	40.6 dB @ 241.5 MHz	DH	7,8-3,6	> 35.6 dB	+5.0 dB
Resistenza DC	OK	10.0 Ohm		5,4	< 20.0 Ohm	+10.0 Ohm
Impedenza	OK	95.8 Ohm		5,4	85.0 - 115.0 Ohm	+10.8 Ohm
Ritardo di propag.	OK	209.7 ns		5,4	510.0 ns	+300.3 ns
Diff. t. ritardo	OK	10.4 ns		5,4	< 43.0 ns	+32.6 ns
Capacità	OK	49.30 pF/m		5,4	< 66.00 pF/m	+16.7 pF/m
Return Loss	OK	15.1 dB @ 224.5 MHz	RH	7,8	> 10.5 dB	+4.6 dB
ACR	OK	27.0 dB @ 241.5 MHz	DH	3,6	>= 5.1 dB	+21.9 dB
ELFEXT	OK	30.7 dB @ 222.5 MHz	DH	7,8-3,6	> 17.2 dB	+13.5 dB
Riserva	OK	6.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.1 dB @ 240.0 MHz	DH	3,6	> 2.2 dB	+23.9 dB
Power Sum ELFEXT	OK	28.8 dB @ 222.5 MHz	DH	3,6	> 14.2 dB	+14.6 dB
Power Sum NEXT	OK	39.7 dB @ 242.5 MHz	DH	3,6	> 32.5 dB	+7.2 dB

**OK**

ID cavo 1: 0028  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:15:10  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.8 dB @ 246.0 MHz		5,4	< 30.9 dB	+16.1 dB
Lunghezza	OK	39.9 m		7,8	< 90.0 m	+50.1 m
NEXT	OK	41.1 dB @ 250.0 MHz	DH	7,8-3,6	> 35.3 dB	+5.8 dB
Resistenza DC	OK	10.1 Ohm		5,4	< 20.0 Ohm	+9.9 Ohm
Impedenza	OK	95.7 Ohm		5,4	85.0 - 115.0 Ohm	+10.7 Ohm
Ritardo di propag.	OK	210.1 ns		5,4	510.0 ns	+299.9 ns
Diff. t. ritardo	OK	10.5 ns		5,4	< 43.0 ns	+32.5 ns
Capacità	OK	49.40 pF/m		5,4	< 66.00 pF/m	+16.6 pF/m
Return Loss	OK	15.9 dB @ 172.5 MHz	DH	7,8	> 11.6 dB	+4.3 dB
ACR	OK	27.1 dB @ 250.0 MHz	DH	3,6	>= 4.1 dB	+23.0 dB
ELFEXT	OK	32.2 dB @ 242.5 MHz	DH	3,6-5,4	> 16.5 dB	+15.7 dB
Riserva	OK	5.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.8 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+24.7 dB
Power Sum ELFEXT	OK	30.3 dB @ 244.5 MHz	RH	3,6	> 13.4 dB	+16.9 dB
Power Sum NEXT	OK	39.8 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.5 dB

**OK**

ID cavo 1: 0029  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:16:17  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.5 dB @ 243.0 MHz		5,4	< 30.6 dB	+16.1 dB
Lunghezza	OK	38.6 m		7,8	< 90.0 m	+51.4 m
NEXT	OK	41.1 dB @ 245.0 MHz	DH	7,8-3,6	> 35.5 dB	+5.6 dB
Resistenza DC	OK	10.0 Ohm		5,4	< 20.0 Ohm	+10.0 Ohm
Impedenza	OK	95.8 Ohm		5,4	85.0 - 115.0 Ohm	+10.8 Ohm
Ritardo di propag.	OK	203.8 ns		5,4	510.0 ns	+306.2 ns
Diff. t. ritardo	OK	9.9 ns		5,4	< 43.0 ns	+33.1 ns
Capacità	OK	49.30 pF/m		5,4	< 66.00 pF/m	+16.7 pF/m
Return Loss	OK	14.9 dB @ 217.0 MHz	RH	7,8	> 10.6 dB	+4.3 dB
ACR	OK	28.5 dB @ 245.0 MHz	DH	7,8	>= 4.7 dB	+23.8 dB
ELFEXT	OK	31.5 dB @ 243.0 MHz	DH	3,6-5,4	> 16.5 dB	+15.0 dB
Riserva	OK	6.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.9 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+25.8 dB
Power Sum ELFEXT	OK	28.7 dB @ 237.0 MHz	RH	3,6	> 13.7 dB	+15.0 dB
Power Sum NEXT	OK	40.1 dB @ 245.0 MHz	DH	3,6	> 32.5 dB	+7.6 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0030  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:17:24  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.5 dB @ 244.0 MHz		5,4	< 30.7 dB	+16.2 dB
Lunghezza	OK	38.6 m		7,8	< 90.0 m	+51.4 m
NEXT	OK	39.7 dB @ 244.5 MHz	DH	7,8-3,6	> 35.5 dB	+4.2 dB
Resistenza DC	OK	10.1 Ohm		5,4	< 20.0 Ohm	+9.9 Ohm
Impedenza	OK	96.0 Ohm		5,4	85.0 - 115.0 Ohm	+11.0 Ohm
Ritardo di propag.	OK	203.9 ns		5,4	510.0 ns	+306.1 ns
Diff. t. ritardo	OK	10.2 ns		5,4	< 43.0 ns	+32.8 ns
Capacità	OK	49.20 pF/m		5,4	< 66.00 pF/m	+16.8 pF/m
Return Loss	OK	15.1 dB @ 220.5 MHz	RH	7,8	> 10.6 dB	+4.5 dB
ACR	OK	26.4 dB @ 243.5 MHz	DH	3,6	>= 4.8 dB	+21.6 dB
ELFEXT	OK	31.1 dB @ 244.0 MHz	DH	3,6-5,4	> 16.4 dB	+14.7 dB
Riserva	OK	5.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.6 dB @ 243.5 MHz	DH	3,6	> 1.8 dB	+23.8 dB
Power Sum ELFEXT	OK	29.0 dB @ 236.5 MHz	RH	3,6	> 13.7 dB	+15.3 dB
Power Sum NEXT	OK	38.7 dB @ 244.5 MHz	DH	3,6	> 32.5 dB	+6.2 dB

**OK**

ID cavo 1: 0031  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:18:39  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.1 dB @ 242.5 MHz		5,4	< 30.6 dB	+16.5 dB
Lunghezza	OK	38.7 m		7,8	< 90.0 m	+51.3 m
NEXT	OK	40.8 dB @ 247.0 MHz	DH	7,8-3,6	> 35.4 dB	+5.4 dB
Resistenza DC	OK	10.1 Ohm		5,4	< 20.0 Ohm	+9.9 Ohm
Impedenza	OK	95.9 Ohm		5,4	85.0 - 115.0 Ohm	+10.9 Ohm
Ritardo di propag.	OK	204.2 ns		5,4	510.0 ns	+305.8 ns
Diff. t. ritardo	OK	10.0 ns		5,4	< 43.0 ns	+33.0 ns
Capacità	OK	49.30 pF/m		5,4	< 66.00 pF/m	+16.7 pF/m
Return Loss	OK	15.7 dB @ 227.5 MHz	RH	3,6	> 10.4 dB	+5.3 dB
ACR	OK	27.1 dB @ 247.0 MHz	DH	3,6	>= 4.5 dB	+22.6 dB
ELFEXT	OK	32.0 dB @ 248.5 MHz	DH	3,6-5,4	> 16.3 dB	+15.7 dB
Riserva	OK	5.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.5 dB @ 247.0 MHz	DH	3,6	> 1.5 dB	+25.0 dB
Power Sum ELFEXT	OK	30.0 dB @ 249.0 MHz	RH	3,6	> 13.2 dB	+16.8 dB
Power Sum NEXT	OK	40.1 dB @ 243.5 MHz	DH	3,6	> 32.5 dB	+7.6 dB

**OK**

ID cavo 1: 0032  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:19:39  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.4 dB @ 218.5 MHz		7,8	< 28.8 dB	+15.4 dB
Lunghezza	OK	38.6 m		7,8	< 90.0 m	+51.4 m
NEXT	OK	40.9 dB @ 241.5 MHz	DH	7,8-3,6	> 35.6 dB	+5.3 dB
Resistenza DC	OK	10.0 Ohm		5,4	< 20.0 Ohm	+10.0 Ohm
Impedenza	OK	96.2 Ohm		5,4	85.0 - 115.0 Ohm	+11.2 Ohm
Ritardo di propag.	OK	203.8 ns		5,4	510.0 ns	+306.2 ns
Diff. t. ritardo	OK	10.2 ns		5,4	< 43.0 ns	+32.8 ns
Capacità	OK	49.10 pF/m		5,4	< 66.00 pF/m	+16.9 pF/m
Return Loss	OK	17.0 dB @ 167.5 MHz	DH	7,8	> 11.7 dB	+5.3 dB
ACR	OK	28.3 dB @ 238.5 MHz	DH	7,8	>= 5.4 dB	+22.9 dB
ELFEXT	OK	29.0 dB @ 218.5 MHz	RH	7,8-3,6	> 17.4 dB	+11.6 dB
Riserva	OK	5.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.3 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+24.2 dB
Power Sum ELFEXT	OK	27.4 dB @ 232.5 MHz	RH	3,6	> 13.8 dB	+13.6 dB
Power Sum NEXT	OK	38.7 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+6.4 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0033  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:20:51  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	12.4 dB @ 231.5 MHz		7,8	< 29.8 dB	+17.4 dB
Lunghezza	OK	36.4 m		7,8	< 90.0 m	+53.6 m
NEXT	OK	40.0 dB @ 238.0 MHz	DH	7,8-3,6	> 35.7 dB	+4.3 dB
Resistenza DC	OK	9.6 Ohm		5,4	< 20.0 Ohm	+10.4 Ohm
Impedenza	OK	98.9 Ohm		7,8	85.0 - 115.0 Ohm	+13.9 Ohm
Ritardo di propag.	OK	192.4 ns		5,4	510.0 ns	+317.6 ns
Diff. t. ritardo	OK	8.8 ns		5,4	< 43.0 ns	+34.2 ns
Capacità	OK	47.70 pF/m		7,8	< 66.00 pF/m	+18.3 pF/m
Return Loss	OK	16.0 dB @ 162.5 MHz	RH	7,8	> 11.9 dB	+4.1 dB
ACR	OK	27.9 dB @ 238.0 MHz	DH	7,8	>= 5.4 dB	+22.5 dB
ELFEXT	OK	26.4 dB @ 237.0 MHz	RH	3,6-7,8	> 16.7 dB	+9.7 dB
Riserva	OK	5.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.9 dB @ 238.0 MHz	DH	3,6	> 2.4 dB	+24.5 dB
Power Sum ELFEXT	OK	25.2 dB @ 237.0 MHz	RH	3,6	> 13.7 dB	+11.5 dB
Power Sum NEXT	OK	39.0 dB @ 238.0 MHz	DH	3,6	> 32.7 dB	+6.3 dB

**OK**

ID cavo 1: 0034  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:22:00  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.0 dB @ 232.5 MHz		3,6	< 29.9 dB	+13.9 dB
Lunghezza	OK	36.7 m		7,8	< 90.0 m	+53.3 m
NEXT	OK	40.3 dB @ 239.5 MHz	DH	7,8-3,6	> 35.6 dB	+4.7 dB
Resistenza DC	OK	9.6 Ohm		5,4	< 20.0 Ohm	+10.4 Ohm
Impedenza	OK	97.6 Ohm		7,8	85.0 - 115.0 Ohm	+12.6 Ohm
Ritardo di propag.	OK	194.0 ns		5,4	510.0 ns	+316.0 ns
Diff. t. ritardo	OK	8.9 ns		5,4	< 43.0 ns	+34.1 ns
Capacità	OK	48.40 pF/m		7,8	< 66.00 pF/m	+17.6 pF/m
Return Loss	OK	15.2 dB @ 223.0 MHz	RH	7,8	> 10.5 dB	+4.7 dB
ACR	OK	25.2 dB @ 240.5 MHz	DH	3,6	>= 5.2 dB	+20.0 dB
ELFEXT	OK	29.9 dB @ 232.5 MHz	RH	3,6-5,4	> 16.8 dB	+13.1 dB
Riserva	OK	0.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.3 dB @ 240.5 MHz	DH	3,6	> 2.2 dB	+22.1 dB
Power Sum ELFEXT	OK	27.4 dB @ 232.5 MHz	DH	3,6	> 13.8 dB	+13.6 dB
Power Sum NEXT	OK	39.6 dB @ 239.5 MHz	DH	3,6	> 32.6 dB	+7.0 dB

**OK**

ID cavo 1: 0035  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:23:15  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.0 dB @ 242.5 MHz		3,6	< 30.6 dB	+14.6 dB
Lunghezza	OK	36.8 m		7,8	< 90.0 m	+53.2 m
NEXT	OK	42.2 dB @ 249.5 MHz	DH	7,8-3,6	> 35.3 dB	+6.9 dB
Resistenza DC	OK	9.8 Ohm		5,4	< 20.0 Ohm	+10.2 Ohm
Impedenza	OK	97.5 Ohm		5,4	85.0 - 115.0 Ohm	+12.5 Ohm
Ritardo di propag.	OK	194.4 ns		5,4	510.0 ns	+315.6 ns
Diff. t. ritardo	OK	9.0 ns		5,4	< 43.0 ns	+34.0 ns
Capacità	OK	48.50 pF/m		5,4	< 66.00 pF/m	+17.5 pF/m
Return Loss	OK	16.0 dB @ 219.5 MHz	RH	7,8	> 10.6 dB	+5.4 dB
ACR	OK	27.1 dB @ 250.0 MHz	DH	3,6	>= 4.1 dB	+23.0 dB
ELFEXT	OK	31.2 dB @ 242.5 MHz	RH	3,6-7,8	> 16.5 dB	+14.7 dB
Riserva	OK	0.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.8 dB @ 239.5 MHz	DH	3,6	> 2.2 dB	+23.6 dB
Power Sum ELFEXT	OK	28.3 dB @ 239.5 MHz	RH	3,6	> 13.6 dB	+14.7 dB
Power Sum NEXT	OK	40.7 dB @ 230.5 MHz	DH	3,6	> 32.9 dB	+7.8 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0036  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:24:15  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.5 dB @ 242.5 MHz		3,6	< 30.6 dB	+16.1 dB
Lunghezza	OK	36.8 m		7,8	< 90.0 m	+53.2 m
NEXT	OK	41.4 dB @ 250.0 MHz	DH	7,8-3,6	> 35.3 dB	+6.1 dB
Resistenza DC	OK	10.0 Ohm		5,4	< 20.0 Ohm	+10.0 Ohm
Impedenza	OK	97.9 Ohm		5,4	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	194.1 ns		5,4	510.0 ns	+315.9 ns
Diff. t. ritardo	OK	8.8 ns		5,4	< 43.0 ns	+34.2 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	16.4 dB @ 222.0 MHz	RH	7,8	> 10.5 dB	+5.9 dB
ACR	OK	27.8 dB @ 250.0 MHz	DH	3,6	>= 4.1 dB	+23.7 dB
ELFEXT	OK	29.9 dB @ 236.5 MHz	DH	3,6-5,4	> 16.7 dB	+13.2 dB
Riserva	OK	2.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.2 dB @ 249.0 MHz	DH	3,6	> 1.2 dB	+25.0 dB
Power Sum ELFEXT	OK	27.0 dB @ 242.5 MHz	RH	3,6	> 13.5 dB	+13.5 dB
Power Sum NEXT	OK	39.8 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.5 dB

**OK**

ID cavo 1: 0037  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:25:33  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.7 dB @ 241.0 MHz		3,6	< 30.5 dB	+15.8 dB
Lunghezza	OK	43.9 m		1,2	< 90.0 m	+46.1 m
NEXT	OK	42.3 dB @ 246.0 MHz	DH	7,8-3,6	> 35.4 dB	+6.9 dB
Resistenza DC	OK	10.6 Ohm		5,4	< 20.0 Ohm	+9.4 Ohm
Impedenza	OK	96.1 Ohm		5,4	85.0 - 115.0 Ohm	+11.1 Ohm
Ritardo di propag.	OK	230.1 ns		5,4	510.0 ns	+279.9 ns
Diff. t. ritardo	OK	11.7 ns		5,4	< 43.0 ns	+31.3 ns
Capacità	OK	49.20 pF/m		5,4	< 66.00 pF/m	+16.8 pF/m
Return Loss	OK	16.0 dB @ 226.0 MHz	RH	7,8	> 10.4 dB	+5.6 dB
ACR	OK	28.0 dB @ 243.5 MHz	DH	3,6	>= 4.8 dB	+23.2 dB
ELFEXT	OK	30.4 dB @ 230.0 MHz	RH	5,4-3,6	> 16.9 dB	+13.5 dB
Riserva	OK	9.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	27.4 dB @ 232.5 MHz	DH	3,6	> 2.9 dB	+24.5 dB
Power Sum ELFEXT	OK	28.9 dB @ 232.5 MHz	RH	3,6	> 13.8 dB	+15.1 dB
Power Sum NEXT	OK	41.5 dB @ 246.0 MHz	DH	3,6	> 32.4 dB	+9.1 dB

**OK**

ID cavo 1: 0038  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:26:53  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.3 dB @ 221.5 MHz		1,2	< 29.0 dB	+14.7 dB
Lunghezza	OK	43.8 m		7,8	< 90.0 m	+46.2 m
NEXT	OK	41.0 dB @ 248.0 MHz	DH	7,8-3,6	> 35.4 dB	+5.6 dB
Resistenza DC	OK	11.9 Ohm		5,4	< 20.0 Ohm	+8.1 Ohm
Impedenza	OK	101.8 Ohm		1,2	85.0 - 115.0 Ohm	+13.2 Ohm
Ritardo di propag.	OK	229.0 ns		5,4	510.0 ns	+281.0 ns
Diff. t. ritardo	OK	10.9 ns		5,4	< 43.0 ns	+32.1 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	15.0 dB @ 164.5 MHz	RH	7,8	> 11.8 dB	+3.2 dB
ACR	OK	25.7 dB @ 247.5 MHz	DH	3,6	>= 4.4 dB	+21.3 dB
ELFEXT	OK	33.3 dB @ 211.0 MHz	DH	3,6-7,8	> 17.7 dB	+15.6 dB
Riserva	OK	5.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.2 dB @ 247.5 MHz	DH	3,6	> 1.4 dB	+22.8 dB
Power Sum ELFEXT	OK	30.6 dB @ 217.5 MHz	RH	3,6	> 14.4 dB	+16.2 dB
Power Sum NEXT	OK	39.5 dB @ 247.5 MHz	DH	3,6	> 32.4 dB	+7.1 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0039  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:28:13  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.3 dB @ 248.0 MHz		5,4	< 31.0 dB	+16.7 dB
Lunghezza	OK	40.3 m		7,8	< 90.0 m	+49.7 m
NEXT	OK	41.6 dB @ 226.5 MHz	DH	7,8-3,6	> 36.0 dB	+5.6 dB
Resistenza DC	OK	11.3 Ohm		5,4	< 20.0 Ohm	+8.7 Ohm
Impedenza	OK	102.1 Ohm		1,2	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	212.0 ns		5,4	510.0 ns	+298.0 ns
Diff. t. ritardo	OK	10.1 ns		5,4	< 43.0 ns	+32.9 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	15.9 dB @ 165.0 MHz	RH	7,8	> 11.8 dB	+4.1 dB
ACR	OK	28.8 dB @ 226.5 MHz	DH	3,6	>= 6.6 dB	+22.2 dB
ELFEXT	OK	35.1 dB @ 216.5 MHz	DH	7,8-3,6	> 17.5 dB	+17.6 dB
Riserva	OK	8.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.6 dB @ 226.5 MHz	DH	7,8	> 3.6 dB	+25.0 dB
Power Sum ELFEXT	OK	32.7 dB @ 218.5 MHz	DH	3,6	> 14.4 dB	+18.3 dB
Power Sum NEXT	OK	40.9 dB @ 243.5 MHz	DH	3,6	> 32.5 dB	+8.4 dB

**OK**

ID cavo 1: 0040  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:30:38  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.3 dB @ 225.0 MHz		7,8	< 29.3 dB	+16.0 dB
Lunghezza	OK	40.4 m		7,8	< 90.0 m	+49.6 m
NEXT	OK	40.4 dB @ 232.0 MHz	DH	7,8-3,6	> 35.8 dB	+4.6 dB
Resistenza DC	OK	10.6 Ohm		5,4	< 20.0 Ohm	+9.4 Ohm
Impedenza	OK	101.9 Ohm		1,2	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	212.3 ns		5,4	510.0 ns	+297.7 ns
Diff. t. ritardo	OK	10.2 ns		5,4	< 43.0 ns	+32.8 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	14.5 dB @ 220.5 MHz	RH	7,8	> 10.6 dB	+3.9 dB
ACR	OK	27.6 dB @ 231.5 MHz	DH	7,8	>= 6.1 dB	+21.5 dB
ELFEXT	OK	29.8 dB @ 239.0 MHz	DH	3,6-5,4	> 16.6 dB	+13.2 dB
Riserva	OK	7.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.4 dB @ 235.0 MHz	DH	3,6	> 2.8 dB	+23.6 dB
Power Sum ELFEXT	OK	27.4 dB @ 241.0 MHz	RH	3,6	> 13.5 dB	+13.9 dB
Power Sum NEXT	OK	39.7 dB @ 232.0 MHz	DH	3,6	> 32.8 dB	+6.9 dB

**OK**

ID cavo 1: 0041  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:31:36  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.7 dB @ 238.5 MHz		5,4	< 30.3 dB	+16.6 dB
Lunghezza	OK	40.3 m		7,8	< 90.0 m	+49.7 m
NEXT	OK	39.8 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+4.3 dB
Resistenza DC	OK	10.6 Ohm		5,4	< 20.0 Ohm	+9.4 Ohm
Impedenza	OK	98.4 Ohm		5,4	85.0 - 115.0 Ohm	+13.4 Ohm
Ritardo di propag.	OK	211.7 ns		5,4	510.0 ns	+298.3 ns
Diff. t. ritardo	OK	9.9 ns		5,4	< 43.0 ns	+33.1 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	14.7 dB @ 166.5 MHz	RH	1,2	> 11.8 dB	+2.9 dB
ACR	OK	26.6 dB @ 243.0 MHz	DH	3,6	>= 4.9 dB	+21.7 dB
ELFEXT	OK	30.9 dB @ 220.0 MHz	DH	7,8-3,6	> 17.3 dB	+13.6 dB
Riserva	OK	7.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.6 dB @ 243.0 MHz	DH	3,6	> 1.9 dB	+23.7 dB
Power Sum ELFEXT	OK	29.7 dB @ 220.0 MHz	DH	3,6	> 14.3 dB	+15.4 dB
Power Sum NEXT	OK	38.8 dB @ 243.0 MHz	DH	3,6	> 32.5 dB	+6.3 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0042  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:32:54  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.5 dB @ 226.5 MHz		1,2	< 29.4 dB	+15.9 dB
Lunghezza	OK	40.5 m		7,8	< 90.0 m	+49.5 m
NEXT	OK	38.3 dB @ 244.5 MHz	DH	7,8-3,6	> 35.5 dB	+2.8 dB
Resistenza DC	OK	10.5 Ohm		5,4	< 20.0 Ohm	+9.5 Ohm
Impedenza	OK	98.7 Ohm		5,4	85.0 - 115.0 Ohm	+13.7 Ohm
Ritardo di propag.	OK	212.5 ns		5,4	510.0 ns	+297.5 ns
Diff. t. ritardo	OK	9.9 ns		5,4	< 43.0 ns	+33.1 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	14.2 dB @ 219.5 MHz	RH	7,8	> 10.6 dB	+3.6 dB
ACR	OK	25.2 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+20.4 dB
ELFEXT	OK	28.6 dB @ 228.5 MHz	RH	3,6-7,8	> 17.0 dB	+11.6 dB
Riserva	OK	6.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.9 dB @ 244.5 MHz	DH	3,6	> 1.8 dB	+23.1 dB
Power Sum ELFEXT	OK	26.2 dB @ 228.5 MHz	RH	3,6	> 14.0 dB	+12.2 dB
Power Sum NEXT	OK	38.0 dB @ 244.5 MHz	DH	3,6	> 32.5 dB	+5.5 dB

**OK**

ID cavo 1: 0043  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:34:01  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.1 dB @ 239.5 MHz		3,6	< 30.4 dB	+16.3 dB
Lunghezza	OK	40.7 m		7,8	< 90.0 m	+49.3 m
NEXT	OK	40.2 dB @ 238.5 MHz	DH	7,8-3,6	> 35.7 dB	+4.5 dB
Resistenza DC	OK	10.5 Ohm		5,4	< 20.0 Ohm	+9.5 Ohm
Impedenza	OK	98.4 Ohm		5,4	85.0 - 115.0 Ohm	+13.4 Ohm
Ritardo di propag.	OK	213.3 ns		5,4	510.0 ns	+296.7 ns
Diff. t. ritardo	OK	9.6 ns		5,4	< 43.0 ns	+33.4 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	14.7 dB @ 221.0 MHz	RH	7,8	> 10.5 dB	+4.2 dB
ACR	OK	27.0 dB @ 238.5 MHz	DH	3,6	>= 5.4 dB	+21.6 dB
ELFEXT	OK	32.0 dB @ 243.5 MHz	RH	3,6-7,8	> 16.4 dB	+15.6 dB
Riserva	OK	7.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.3 dB @ 238.5 MHz	DH	3,6	> 2.4 dB	+23.9 dB
Power Sum ELFEXT	OK	29.6 dB @ 243.5 MHz	RH	3,6	> 13.4 dB	+16.2 dB
Power Sum NEXT	OK	39.5 dB @ 238.5 MHz	DH	3,6	> 32.7 dB	+6.8 dB

**OK**

ID cavo 1: 0044  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:35:04  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.8 dB @ 238.5 MHz		3,6	< 30.3 dB	+15.5 dB
Lunghezza	OK	40.5 m		7,8	< 90.0 m	+49.5 m
NEXT	OK	41.5 dB @ 242.5 MHz	DH	7,8-3,6	> 35.5 dB	+6.0 dB
Resistenza DC	OK	10.6 Ohm		5,4	< 20.0 Ohm	+9.4 Ohm
Impedenza	OK	96.5 Ohm		5,4	85.0 - 115.0 Ohm	+11.5 Ohm
Ritardo di propag.	OK	213.3 ns		5,4	510.0 ns	+296.7 ns
Diff. t. ritardo	OK	10.6 ns		5,4	< 43.0 ns	+32.4 ns
Capacità	OK	48.90 pF/m		5,4	< 66.00 pF/m	+17.1 pF/m
Return Loss	OK	15.0 dB @ 222.0 MHz	RH	7,8	> 10.5 dB	+4.5 dB
ACR	OK	27.4 dB @ 238.5 MHz	DH	3,6	>= 5.4 dB	+22.0 dB
ELFEXT	OK	31.6 dB @ 238.5 MHz	RH	3,6-5,4	> 16.6 dB	+15.0 dB
Riserva	OK	4.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.4 dB @ 238.5 MHz	DH	3,6	> 2.4 dB	+23.0 dB
Power Sum ELFEXT	OK	29.7 dB @ 238.5 MHz	RH	3,6	> 13.6 dB	+16.1 dB
Power Sum NEXT	OK	39.3 dB @ 242.5 MHz	DH	3,6	> 32.5 dB	+6.8 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0045  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:36:20  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.2 dB @ 247.0 MHz		3,6	< 30.9 dB	+16.7 dB
Lunghezza	OK	40.5 m		7,8	< 90.0 m	+49.5 m
NEXT	OK	41.0 dB @ 240.0 MHz	DH	7,8-3,6	> 35.6 dB	+5.4 dB
Resistenza DC	OK	10.8 Ohm		5,4	< 20.0 Ohm	+9.2 Ohm
Impedenza	OK	98.4 Ohm		5,4	85.0 - 115.0 Ohm	+13.4 Ohm
Ritardo di propag.	OK	212.4 ns		5,4	510.0 ns	+297.6 ns
Diff. t. ritardo	OK	9.7 ns		5,4	< 43.0 ns	+33.3 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	15.1 dB @ 221.5 MHz	RH	7,8	> 10.5 dB	+4.6 dB
ACR	OK	27.6 dB @ 240.0 MHz	DH	3,6	>= 5.2 dB	+22.4 dB
ELFEXT	OK	28.4 dB @ 247.0 MHz	RH	3,6-7,8	> 16.3 dB	+12.1 dB
Riserva	OK	7.2 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.5 dB @ 231.5 MHz	DH	3,6	> 3.1 dB	+23.4 dB
Power Sum ELFEXT	OK	26.2 dB @ 247.0 MHz	RH	3,6	> 13.3 dB	+12.9 dB
Power Sum NEXT	OK	39.9 dB @ 242.5 MHz	DH	3,6	> 32.5 dB	+7.4 dB

**OK**

ID cavo 1: 0046  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:37:27  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	15.2 dB @ 243.5 MHz		3,6	< 30.7 dB	+15.5 dB
Lunghezza	OK	40.7 m		7,8	< 90.0 m	+49.3 m
NEXT	OK	40.0 dB @ 242.0 MHz	DH	7,8-3,6	> 35.5 dB	+4.5 dB
Resistenza DC	OK	10.6 Ohm		5,4	< 20.0 Ohm	+9.4 Ohm
Impedenza	OK	97.9 Ohm		5,4	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	213.1 ns		5,4	510.0 ns	+296.9 ns
Diff. t. ritardo	OK	9.7 ns		5,4	< 43.0 ns	+33.3 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	15.0 dB @ 221.5 MHz	RH	7,8	> 10.5 dB	+4.5 dB
ACR	OK	25.8 dB @ 241.5 MHz	DH	3,6	>= 5.1 dB	+20.7 dB
ELFEXT	OK	27.0 dB @ 243.5 MHz	RH	3,6-7,8	> 16.4 dB	+10.6 dB
Riserva	OK	4.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.5 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+22.4 dB
Power Sum ELFEXT	OK	24.3 dB @ 243.5 MHz	RH	3,6	> 13.4 dB	+10.9 dB
Power Sum NEXT	OK	38.7 dB @ 242.0 MHz	DH	3,6	> 32.5 dB	+6.2 dB

**OK**

ID cavo 1: 0047  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:38:43  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.6 dB @ 245.0 MHz		3,6	< 30.8 dB	+17.2 dB
Lunghezza	OK	40.0 m		7,8	< 90.0 m	+50.0 m
NEXT	OK	41.5 dB @ 244.0 MHz	DH	7,8-3,6	> 35.5 dB	+6.0 dB
Resistenza DC	OK	11.2 Ohm		5,4	< 20.0 Ohm	+8.8 Ohm
Impedenza	OK	98.0 Ohm		5,4	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	209.6 ns		5,4	510.0 ns	+300.4 ns
Diff. t. ritardo	OK	9.5 ns		5,4	< 43.0 ns	+33.5 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	15.8 dB @ 233.0 MHz	RH	3,6	> 10.3 dB	+5.5 dB
ACR	OK	28.0 dB @ 241.5 MHz	DH	3,6	>= 5.1 dB	+22.9 dB
ELFEXT	OK	32.6 dB @ 232.5 MHz	RH	3,6-5,4	> 16.8 dB	+15.8 dB
Riserva	OK	7.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.9 dB @ 245.0 MHz	DH	3,6	> 1.7 dB	+25.2 dB
Power Sum ELFEXT	OK	31.2 dB @ 232.5 MHz	RH	3,6	> 13.8 dB	+17.4 dB
Power Sum NEXT	OK	40.2 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.9 dB



# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0048  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:40:48  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.9 dB @ 239.0 MHz		5,4	< 30.3 dB	+16.4 dB
Lunghezza	OK	39.7 m		1,2	< 90.0 m	+50.3 m
NEXT	OK	40.4 dB @ 238.0 MHz	DH	7,8-3,6	> 35.7 dB	+4.7 dB
Resistenza DC	OK	10.8 Ohm		5,4	< 20.0 Ohm	+9.2 Ohm
Impedenza	OK	95.9 Ohm		5,4	85.0 - 115.0 Ohm	+10.9 Ohm
Ritardo di propag.	OK	209.7 ns		5,4	510.0 ns	+300.3 ns
Diff. t. ritardo	OK	10.7 ns		5,4	< 43.0 ns	+32.3 ns
Capacità	OK	49.30 pF/m		5,4	< 66.00 pF/m	+16.7 pF/m
Return Loss	OK	14.6 dB @ 170.0 MHz	DH	1,2	> 11.7 dB	+2.9 dB
ACR	OK	27.3 dB @ 237.5 MHz	DH	3,6	>= 5.5 dB	+21.8 dB
ELFEXT	OK	31.1 dB @ 224.0 MHz	DH	7,8-3,6	> 17.2 dB	+13.9 dB
Riserva	OK	7.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.7 dB @ 237.5 MHz	DH	3,6	> 2.5 dB	+24.2 dB
Power Sum ELFEXT	OK	28.4 dB @ 248.5 MHz	RH	3,6	> 13.3 dB	+15.1 dB
Power Sum NEXT	OK	39.9 dB @ 238.0 MHz	DH	3,6	> 32.7 dB	+7.2 dB

**OK**

ID cavo 1: 0049  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:42:06  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.6 dB @ 247.5 MHz		5,4	< 31.0 dB	+13.4 dB
Lunghezza	OK	49.5 m		1,2	< 90.0 m	+40.5 m
NEXT	OK	40.8 dB @ 242.0 MHz	DH	7,8-3,6	> 35.5 dB	+5.3 dB
Resistenza DC	OK	11.2 Ohm		5,4	< 20.0 Ohm	+8.8 Ohm
Impedenza	OK	95.9 Ohm		5,4	85.0 - 115.0 Ohm	+10.9 Ohm
Ritardo di propag.	OK	257.9 ns		5,4	510.0 ns	+252.1 ns
Diff. t. ritardo	OK	13.4 ns		5,4	< 43.0 ns	+29.6 ns
Capacità	OK	49.30 pF/m		5,4	< 66.00 pF/m	+16.7 pF/m
Return Loss	OK	15.1 dB @ 214.5 MHz	RH	7,8	> 10.7 dB	+4.4 dB
ACR	OK	24.5 dB @ 242.0 MHz	DH	3,6	>= 4.9 dB	+19.6 dB
ELFEXT	OK	31.5 dB @ 222.5 MHz	DH	7,8-3,6	> 17.2 dB	+14.3 dB
Riserva	OK	7.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.5 dB @ 242.0 MHz	DH	3,6	> 1.9 dB	+21.6 dB
Power Sum ELFEXT	OK	28.5 dB @ 222.5 MHz	DH	3,6	> 14.2 dB	+14.3 dB
Power Sum NEXT	OK	39.8 dB @ 242.0 MHz	DH	3,6	> 32.5 dB	+7.3 dB

**OK**

ID cavo 1: 0050  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:43:18  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.1 dB @ 241.0 MHz		3,6	< 30.5 dB	+13.4 dB
Lunghezza	OK	49.7 m		7,8	< 90.0 m	+40.3 m
NEXT	OK	40.4 dB @ 244.5 MHz	DH	7,8-3,6	> 35.5 dB	+4.9 dB
Resistenza DC	OK	11.6 Ohm		5,4	< 20.0 Ohm	+8.4 Ohm
Impedenza	OK	98.5 Ohm		5,4	85.0 - 115.0 Ohm	+13.5 Ohm
Ritardo di propag.	OK	256.8 ns		5,4	510.0 ns	+253.2 ns
Diff. t. ritardo	OK	11.6 ns		5,4	< 43.0 ns	+31.4 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	15.2 dB @ 219.5 MHz	RH	7,8	> 10.6 dB	+4.6 dB
ACR	OK	23.5 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+18.7 dB
ELFEXT	OK	29.8 dB @ 214.0 MHz	RH	3,6-7,8	> 17.6 dB	+12.2 dB
Riserva	OK	6.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.3 dB @ 209.0 MHz	RH	3,6	> 5.5 dB	+20.8 dB
Power Sum ELFEXT	OK	28.5 dB @ 214.0 MHz	RH	3,6	> 14.6 dB	+13.9 dB
Power Sum NEXT	OK	39.6 dB @ 248.5 MHz	DH	3,6	> 32.4 dB	+7.2 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0051  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:44:27  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.8 dB @ 237.5 MHz		5,4	< 30.2 dB	+13.4 dB
Lunghezza	OK	49.5 m		1,2	< 90.0 m	+40.5 m
NEXT	OK	39.0 dB @ 237.5 MHz	DH	7,8-3,6	> 35.7 dB	+3.3 dB
Resistenza DC	OK	11.1 Ohm		5,4	< 20.0 Ohm	+8.9 Ohm
Impedenza	OK	98.0 Ohm		5,4	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	256.0 ns		5,4	510.0 ns	+254.0 ns
Diff. t. ritardo	OK	11.7 ns		5,4	< 43.0 ns	+31.3 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	14.7 dB @ 228.0 MHz	RH	7,8	> 10.4 dB	+4.3 dB
ACR	OK	22.4 dB @ 237.5 MHz	DH	3,6	>= 5.5 dB	+16.9 dB
ELFEXT	OK	33.1 dB @ 179.5 MHz	DH	1,2-3,6	> 19.1 dB	+14.0 dB
Riserva	OK	5.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.0 dB @ 237.5 MHz	DH	3,6	> 2.5 dB	+19.5 dB
Power Sum ELFEXT	OK	28.9 dB @ 208.0 MHz	DH	3,6	> 14.8 dB	+14.1 dB
Power Sum NEXT	OK	38.6 dB @ 237.5 MHz	DH	3,6	> 32.7 dB	+5.9 dB

**OK**

ID cavo 1: 0052  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:45:32  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.0 dB @ 243.0 MHz		3,6	< 30.6 dB	+13.6 dB
Lunghezza	OK	49.4 m		7,8	< 90.0 m	+40.6 m
NEXT	OK	40.4 dB @ 233.0 MHz	DH	7,8-3,6	> 35.8 dB	+4.6 dB
Resistenza DC	OK	11.5 Ohm		5,4	< 20.0 Ohm	+8.5 Ohm
Impedenza	OK	98.3 Ohm		5,4	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	255.4 ns		5,4	510.0 ns	+254.6 ns
Diff. t. ritardo	OK	11.6 ns		5,4	< 43.0 ns	+31.4 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	15.7 dB @ 229.0 MHz	RH	7,8	> 10.4 dB	+5.3 dB
ACR	OK	24.1 dB @ 233.5 MHz	DH	3,6	>= 5.9 dB	+18.2 dB
ELFEXT	OK	28.3 dB @ 232.0 MHz	RH	3,6-7,8	> 16.9 dB	+11.4 dB
Riserva	OK	6.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.9 dB @ 233.5 MHz	DH	3,6	> 2.9 dB	+20.0 dB
Power Sum ELFEXT	OK	27.0 dB @ 218.5 MHz	DH	3,6	> 14.4 dB	+12.6 dB
Power Sum NEXT	OK	39.3 dB @ 233.0 MHz	DH	3,6	> 32.8 dB	+6.5 dB

**OK**

ID cavo 1: 0053  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:46:36  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.3 dB @ 241.0 MHz		5,4	< 30.5 dB	+13.2 dB
Lunghezza	OK	48.8 m		7,8	< 90.0 m	+41.2 m
NEXT	OK	39.2 dB @ 239.0 MHz	DH	7,8-3,6	> 35.6 dB	+3.6 dB
Resistenza DC	OK	11.2 Ohm		5,4	< 20.0 Ohm	+8.8 Ohm
Impedenza	OK	98.3 Ohm		5,4	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	252.6 ns		5,4	510.0 ns	+257.4 ns
Diff. t. ritardo	OK	11.6 ns		5,4	< 43.0 ns	+31.4 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	13.8 dB @ 209.5 MHz	RH	7,8	> 10.8 dB	+3.0 dB
ACR	OK	23.0 dB @ 239.0 MHz	DH	3,6	>= 5.3 dB	+17.7 dB
ELFEXT	OK	29.2 dB @ 226.5 MHz	RH	3,6-1,2	> 17.1 dB	+12.1 dB
Riserva	OK	5.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.9 dB @ 239.0 MHz	DH	3,6	> 2.3 dB	+19.6 dB
Power Sum ELFEXT	OK	26.9 dB @ 216.5 MHz	DH	3,6	> 14.5 dB	+12.4 dB
Power Sum NEXT	OK	38.1 dB @ 239.0 MHz	DH	3,6	> 32.6 dB	+5.5 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0054  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:48:03  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.5 dB @ 243.5 MHz		3,6	< 30.7 dB	+14.2 dB
Lunghezza	OK	49.0 m		7,8	< 90.0 m	+41.0 m
NEXT	OK	39.7 dB @ 249.0 MHz	DH	7,8-3,6	> 35.3 dB	+4.4 dB
Resistenza DC	OK	11.3 Ohm		5,4	< 20.0 Ohm	+8.7 Ohm
Impedenza	OK	98.2 Ohm		5,4	85.0 - 115.0 Ohm	+13.2 Ohm
Ritardo di propag.	OK	253.6 ns		5,4	510.0 ns	+256.4 ns
Diff. t. ritardo	OK	11.8 ns		5,4	< 43.0 ns	+31.2 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	15.7 dB @ 226.0 MHz	DH	7,8	> 10.4 dB	+5.3 dB
ACR	OK	27.6 dB @ 201.5 MHz	RH	3,6	>= 9.3 dB	+18.3 dB
ELFEXT	OK	30.0 dB @ 156.5 MHz	DH	1,2-3,6	> 20.3 dB	+9.7 dB
Riserva	OK	5.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.8 dB @ 248.5 MHz	DH	3,6	> 1.4 dB	+20.4 dB
Power Sum ELFEXT	OK	26.4 dB @ 225.5 MHz	DH	3,6	> 14.1 dB	+12.3 dB
Power Sum NEXT	OK	38.2 dB @ 248.5 MHz	DH	3,6	> 32.4 dB	+5.8 dB

**OK**

ID cavo 1: 0055  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:49:05  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.1 dB @ 243.5 MHz		3,6	< 30.7 dB	+13.6 dB
Lunghezza	OK	48.6 m		7,8	< 90.0 m	+41.4 m
NEXT	OK	41.3 dB @ 250.0 MHz	DH	7,8-3,6	> 35.3 dB	+6.0 dB
Resistenza DC	OK	11.2 Ohm		5,4	< 20.0 Ohm	+8.8 Ohm
Impedenza	OK	98.1 Ohm		5,4	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	252.0 ns		5,4	510.0 ns	+258.0 ns
Diff. t. ritardo	OK	12.0 ns		5,4	< 43.0 ns	+31.0 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	14.3 dB @ 228.0 MHz	RH	7,8	> 10.4 dB	+3.9 dB
ACR	OK	24.4 dB @ 250.0 MHz	DH	3,6	>= 4.1 dB	+20.3 dB
ELFEXT	OK	34.0 dB @ 171.5 MHz	DH	7,8-3,6	> 19.5 dB	+14.5 dB
Riserva	OK	6.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.9 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+21.8 dB
Power Sum ELFEXT	OK	30.4 dB @ 225.0 MHz	RH	3,6	> 14.1 dB	+16.3 dB
Power Sum NEXT	OK	39.8 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.5 dB

**OK**

ID cavo 1: 0056  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:50:13  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.1 dB @ 242.0 MHz		3,6	< 30.6 dB	+13.5 dB
Lunghezza	OK	48.5 m		7,8	< 90.0 m	+41.5 m
NEXT	OK	40.2 dB @ 241.5 MHz	DH	7,8-3,6	> 35.6 dB	+4.6 dB
Resistenza DC	OK	11.2 Ohm		5,4	< 20.0 Ohm	+8.8 Ohm
Impedenza	OK	98.0 Ohm		5,4	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	251.2 ns		5,4	510.0 ns	+258.8 ns
Diff. t. ritardo	OK	11.7 ns		5,4	< 43.0 ns	+31.3 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	15.6 dB @ 168.5 MHz	RH	1,2	> 11.7 dB	+3.9 dB
ACR	OK	23.4 dB @ 240.5 MHz	DH	3,6	>= 5.2 dB	+18.2 dB
ELFEXT	OK	31.8 dB @ 181.0 MHz	RH	3,6-7,8	> 19.0 dB	+12.8 dB
Riserva	OK	5.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.5 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+20.4 dB
Power Sum ELFEXT	OK	31.7 dB @ 176.5 MHz	DH	7,8	> 16.2 dB	+15.5 dB
Power Sum NEXT	OK	39.3 dB @ 241.5 MHz	DH	3,6	> 32.6 dB	+6.7 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0057  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:51:28  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.0 dB @ 236.0 MHz		3,6	< 30.1 dB	+13.1 dB
Lunghezza	OK	49.2 m		1,2	< 90.0 m	+40.8 m
NEXT	OK	42.1 dB @ 249.5 MHz	DH	7,8-3,6	> 35.3 dB	+6.8 dB
Resistenza DC	OK	11.2 Ohm		5,4	< 20.0 Ohm	+8.8 Ohm
Impedenza	OK	97.9 Ohm		5,4	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	255.1 ns		5,4	510.0 ns	+254.9 ns
Diff. t. ritardo	OK	12.0 ns		5,4	< 43.0 ns	+31.0 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	16.0 dB @ 157.0 MHz	RH	1,2	> 12.0 dB	+4.0 dB
ACR	OK	25.5 dB @ 236.0 MHz	DH	3,6	>= 5.6 dB	+19.9 dB
ELFEXT	OK	27.9 dB @ 223.0 MHz	DH	7,8-3,6	> 17.2 dB	+10.7 dB
Riserva	OK	8.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.6 dB @ 236.0 MHz	DH	3,6	> 2.6 dB	+22.0 dB
Power Sum ELFEXT	OK	24.6 dB @ 223.0 MHz	DH	3,6	> 14.2 dB	+10.4 dB
Power Sum NEXT	OK	40.8 dB @ 249.5 MHz	DH	7,8	> 32.3 dB	+8.5 dB

**OK**

ID cavo 1: 0058  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:52:42  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.6 dB @ 237.0 MHz		3,6	< 30.2 dB	+13.6 dB
Lunghezza	OK	49.3 m		1,2	< 90.0 m	+40.7 m
NEXT	OK	41.1 dB @ 239.0 MHz	DH	7,8-3,6	> 35.6 dB	+5.5 dB
Resistenza DC	OK	11.3 Ohm		5,4	< 20.0 Ohm	+8.7 Ohm
Impedenza	OK	97.9 Ohm		5,4	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	255.1 ns		5,4	510.0 ns	+254.9 ns
Diff. t. ritardo	OK	11.9 ns		5,4	< 43.0 ns	+31.1 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	15.9 dB @ 168.0 MHz	RH	1,2	> 11.7 dB	+4.2 dB
ACR	OK	25.1 dB @ 239.0 MHz	DH	3,6	>= 5.3 dB	+19.8 dB
ELFEXT	OK	41.3 dB @ 55.5 MHz	DH	1,2-3,6	> 29.3 dB	+12.0 dB
Riserva	OK	8.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.3 dB @ 240.5 MHz	DH	3,6	> 2.2 dB	+22.1 dB
Power Sum ELFEXT	OK	31.9 dB @ 231.0 MHz	DH	3,6	> 13.9 dB	+18.0 dB
Power Sum NEXT	OK	40.4 dB @ 239.0 MHz	DH	3,6	> 32.6 dB	+7.8 dB

**OK**

ID cavo 1: 0059  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:53:51  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	15.7 dB @ 238.0 MHz		3,6	< 30.3 dB	+14.6 dB
Lunghezza	OK	45.5 m		1,2	< 90.0 m	+44.5 m
NEXT	OK	41.8 dB @ 249.0 MHz	DH	7,8-3,6	> 35.3 dB	+6.5 dB
Resistenza DC	OK	10.6 Ohm		5,4	< 20.0 Ohm	+9.4 Ohm
Impedenza	OK	98.9 Ohm		5,4	85.0 - 115.0 Ohm	+13.9 Ohm
Ritardo di propag.	OK	235.3 ns		5,4	510.0 ns	+274.7 ns
Diff. t. ritardo	OK	9.5 ns		5,4	< 43.0 ns	+33.5 ns
Capacità	OK	47.70 pF/m		5,4	< 66.00 pF/m	+18.3 pF/m
Return Loss	OK	16.0 dB @ 223.5 MHz	RH	7,8	> 10.5 dB	+5.5 dB
ACR	OK	26.5 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+21.7 dB
ELFEXT	OK	28.4 dB @ 238.0 MHz	DH	5,4-3,6	> 16.6 dB	+11.8 dB
Riserva	OK	7.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.3 dB @ 244.5 MHz	DH	3,6	> 1.8 dB	+23.5 dB
Power Sum ELFEXT	OK	26.7 dB @ 238.0 MHz	RH	3,6	> 13.6 dB	+13.1 dB
Power Sum NEXT	OK	40.7 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+8.4 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0060  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:54:57  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	15.4 dB @ 243.0 MHz		3,6	< 30.6 dB	+15.2 dB
Lunghezza	OK	45.5 m		1,2	< 90.0 m	+44.5 m
NEXT	OK	40.4 dB @ 234.5 MHz	DH	7,8-3,6	> 35.8 dB	+4.6 dB
Resistenza DC	OK	11.2 Ohm		5,4	< 20.0 Ohm	+8.8 Ohm
Impedenza	OK	98.2 Ohm		5,4	85.0 - 115.0 Ohm	+13.2 Ohm
Ritardo di propag.	OK	236.9 ns		5,4	510.0 ns	+273.1 ns
Diff. t. ritardo	OK	11.1 ns		5,4	< 43.0 ns	+31.9 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	18.0 dB @ 106.0 MHz	RH	1,2	> 13.7 dB	+4.3 dB
ACR	OK	25.5 dB @ 234.5 MHz	DH	3,6	>= 5.8 dB	+19.7 dB
ELFEXT	OK	33.8 dB @ 223.0 MHz	DH	7,8-3,6	> 17.2 dB	+16.6 dB
Riserva	OK	7.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.8 dB @ 234.5 MHz	DH	3,6	> 2.8 dB	+22.0 dB
Power Sum ELFEXT	OK	31.1 dB @ 223.0 MHz	DH	3,6	> 14.2 dB	+16.9 dB
Power Sum NEXT	OK	39.7 dB @ 234.5 MHz	DH	3,6	> 32.8 dB	+6.9 dB

**OK**

ID cavo 1: 0061  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:56:10  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	15.6 dB @ 227.5 MHz		7,8	< 29.5 dB	+13.9 dB
Lunghezza	OK	45.3 m		1,2	< 90.0 m	+44.7 m
NEXT	OK	42.7 dB @ 249.0 MHz	DH	7,8-3,6	> 35.3 dB	+7.4 dB
Resistenza DC	OK	11.3 Ohm		5,4	< 20.0 Ohm	+8.7 Ohm
Impedenza	OK	97.1 Ohm		5,4	85.0 - 115.0 Ohm	+12.1 Ohm
Ritardo di propag.	OK	235.8 ns		5,4	510.0 ns	+274.2 ns
Diff. t. ritardo	OK	10.9 ns		5,4	< 43.0 ns	+32.1 ns
Capacità	OK	48.60 pF/m		5,4	< 66.00 pF/m	+17.4 pF/m
Return Loss	OK	15.9 dB @ 156.5 MHz	RH	1,2	> 12.0 dB	+3.9 dB
ACR	OK	27.8 dB @ 240.5 MHz	DH	3,6	>= 5.2 dB	+22.6 dB
ELFEXT	OK	30.5 dB @ 235.0 MHz	DH	5,4-3,6	> 16.7 dB	+13.8 dB
Riserva	OK	9.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.3 dB @ 247.0 MHz	DH	3,6	> 1.5 dB	+24.8 dB
Power Sum ELFEXT	OK	28.3 dB @ 237.0 MHz	RH	3,6	> 13.7 dB	+14.6 dB
Power Sum NEXT	OK	41.1 dB @ 247.0 MHz	DH	3,6	> 32.4 dB	+8.7 dB

**OK**

ID cavo 1: 0062  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:57:15  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	15.7 dB @ 233.0 MHz		5,4	< 29.9 dB	+14.2 dB
Lunghezza	OK	45.2 m		1,2	< 90.0 m	+44.8 m
NEXT	OK	41.6 dB @ 241.0 MHz	DH	7,8-3,6	> 35.6 dB	+6.0 dB
Resistenza DC	OK	11.4 Ohm		5,4	< 20.0 Ohm	+8.6 Ohm
Impedenza	OK	96.5 Ohm		5,4	85.0 - 115.0 Ohm	+11.5 Ohm
Ritardo di propag.	OK	236.6 ns		5,4	510.0 ns	+273.4 ns
Diff. t. ritardo	OK	12.2 ns		5,4	< 43.0 ns	+30.8 ns
Capacità	OK	49.00 pF/m		5,4	< 66.00 pF/m	+17.0 pF/m
Return Loss	OK	17.2 dB @ 166.5 MHz	RH	7,8	> 11.8 dB	+5.4 dB
ACR	OK	26.7 dB @ 239.5 MHz	DH	3,6	>= 5.2 dB	+21.5 dB
ELFEXT	OK	30.8 dB @ 233.0 MHz	RH	5,4-3,6	> 16.8 dB	+14.0 dB
Riserva	OK	8.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.3 dB @ 245.5 MHz	DH	3,6	> 1.6 dB	+23.7 dB
Power Sum ELFEXT	OK	28.6 dB @ 225.0 MHz	DH	3,6	> 14.1 dB	+14.5 dB
Power Sum NEXT	OK	40.2 dB @ 241.0 MHz	DH	3,6	> 32.6 dB	+7.6 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0063  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:58:25  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.1 dB @ 248.5 MHz		5,4	< 31.0 dB	+14.9 dB
Lunghezza	OK	45.3 m		1,2	< 90.0 m	+44.7 m
NEXT	OK	42.3 dB @ 247.5 MHz	DH	7,8-3,6	> 35.4 dB	+6.9 dB
Resistenza DC	OK	11.5 Ohm		5,4	< 20.0 Ohm	+8.5 Ohm
Impedenza	OK	96.0 Ohm		5,4	85.0 - 115.0 Ohm	+11.0 Ohm
Ritardo di propag.	OK	237.0 ns		5,4	510.0 ns	+273.0 ns
Diff. t. ritardo	OK	11.9 ns		5,4	< 43.0 ns	+31.1 ns
Capacità	OK	49.20 pF/m		5,4	< 66.00 pF/m	+16.8 pF/m
Return Loss	OK	15.5 dB @ 224.5 MHz	RH	7,8	> 10.5 dB	+5.0 dB
ACR	OK	27.7 dB @ 235.0 MHz	DH	3,6	>= 5.8 dB	+21.9 dB
ELFEXT	OK	31.9 dB @ 224.5 MHz	DH	7,8-3,6	> 17.1 dB	+14.8 dB
Riserva	OK	8.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.5 dB @ 235.0 MHz	DH	3,6	> 2.8 dB	+22.7 dB
Power Sum ELFEXT	OK	29.0 dB @ 224.5 MHz	DH	3,6	> 14.1 dB	+14.9 dB
Power Sum NEXT	OK	40.4 dB @ 236.5 MHz	DH	3,6	> 32.7 dB	+7.7 dB

**OK**

ID cavo 1: 0064  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 10:59:33  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	15.4 dB @ 227.5 MHz		3,6	< 29.5 dB	+14.1 dB
Lunghezza	OK	45.3 m		1,2	< 90.0 m	+44.7 m
NEXT	OK	40.8 dB @ 249.0 MHz	DH	7,8-3,6	> 35.3 dB	+5.5 dB
Resistenza DC	OK	11.1 Ohm		5,4	< 20.0 Ohm	+8.9 Ohm
Impedenza	OK	98.1 Ohm		5,4	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	235.8 ns		5,4	510.0 ns	+274.2 ns
Diff. t. ritardo	OK	11.0 ns		5,4	< 43.0 ns	+32.0 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	15.0 dB @ 222.5 MHz	RH	7,8	> 10.5 dB	+4.5 dB
ACR	OK	25.9 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+21.1 dB
ELFEXT	OK	31.9 dB @ 227.5 MHz	DH	7,8-3,6	> 17.0 dB	+14.9 dB
Riserva	OK	7.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.7 dB @ 244.5 MHz	DH	3,6	> 1.8 dB	+22.9 dB
Power Sum ELFEXT	OK	29.1 dB @ 227.5 MHz	DH	3,6	> 14.0 dB	+15.1 dB
Power Sum NEXT	OK	39.8 dB @ 246.0 MHz	DH	3,6	> 32.4 dB	+7.4 dB

**OK**

ID cavo 1: 0065  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:00:44  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.7 dB @ 232.5 MHz		5,4	< 29.9 dB	+15.2 dB
Lunghezza	OK	45.0 m		1,2	< 90.0 m	+45.0 m
NEXT	OK	41.7 dB @ 238.5 MHz	DH	7,8-3,6	> 35.7 dB	+6.0 dB
Resistenza DC	OK	11.1 Ohm		5,4	< 20.0 Ohm	+8.9 Ohm
Impedenza	OK	101.7 Ohm		1,2	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	234.5 ns		5,4	510.0 ns	+275.5 ns
Diff. t. ritardo	OK	11.0 ns		5,4	< 43.0 ns	+32.0 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	15.9 dB @ 164.5 MHz	RH	7,8	> 11.8 dB	+4.1 dB
ACR	OK	27.5 dB @ 237.0 MHz	DH	3,6	>= 5.5 dB	+22.0 dB
ELFEXT	OK	31.0 dB @ 223.0 MHz	DH	7,8-5,4	> 17.2 dB	+13.8 dB
Riserva	OK	9.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	27.7 dB @ 236.5 MHz	DH	7,8	> 2.5 dB	+25.2 dB
Power Sum ELFEXT	OK	27.2 dB @ 223.0 MHz	DH	5,4	> 14.2 dB	+13.0 dB
Power Sum NEXT	OK	40.7 dB @ 237.5 MHz	DH	3,6	> 32.7 dB	+8.0 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0066  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:02:10  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	15.6 dB @ 249.0 MHz		5,4	< 31.1 dB	+15.5 dB
Lunghezza	OK	44.9 m		1,2	< 90.0 m	+45.1 m
NEXT	OK	41.4 dB @ 250.0 MHz	DH	7,8-3,6	> 35.3 dB	+6.1 dB
Resistenza DC	OK	10.7 Ohm		5,4	< 20.0 Ohm	+9.3 Ohm
Impedenza	OK	96.2 Ohm		5,4	85.0 - 115.0 Ohm	+11.2 Ohm
Ritardo di propag.	OK	235.1 ns		5,4	510.0 ns	+274.9 ns
Diff. t. ritardo	OK	11.9 ns		5,4	< 43.0 ns	+31.1 ns
Capacità	OK	49.10 pF/m		5,4	< 66.00 pF/m	+16.9 pF/m
Return Loss	OK	14.3 dB @ 226.5 MHz	DH	7,8	> 10.4 dB	+3.9 dB
ACR	OK	26.1 dB @ 250.0 MHz	DH	3,6	>= 4.1 dB	+22.0 dB
ELFEXT	OK	29.3 dB @ 239.5 MHz	DH	3,6-5,4	> 16.6 dB	+12.7 dB
Riserva	OK	7.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.2 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+24.1 dB
Power Sum ELFEXT	OK	28.0 dB @ 229.0 MHz	RH	3,6	> 14.0 dB	+14.0 dB
Power Sum NEXT	OK	40.5 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+8.2 dB

**OK**

ID cavo 1: 0067  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:03:15  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.5 dB @ 241.5 MHz		7,8	< 30.5 dB	+12.0 dB
Lunghezza	OK	54.1 m		1,2	< 90.0 m	+35.9 m
NEXT	OK	41.8 dB @ 246.5 MHz	DH	7,8-3,6	> 35.4 dB	+6.4 dB
Resistenza DC	OK	12.1 Ohm		5,4	< 20.0 Ohm	+7.9 Ohm
Impedenza	OK	98.4 Ohm		5,4	85.0 - 115.0 Ohm	+13.4 Ohm
Ritardo di propag.	OK	278.0 ns		5,4	510.0 ns	+232.0 ns
Diff. t. ritardo	OK	12.6 ns		5,4	< 43.0 ns	+30.4 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	14.5 dB @ 223.5 MHz	RH	7,8	> 10.5 dB	+4.0 dB
ACR	OK	23.8 dB @ 241.5 MHz	DH	7,8	>= 5.1 dB	+18.7 dB
ELFEXT	OK	31.9 dB @ 227.5 MHz	RH	3,6-5,4	> 17.0 dB	+14.9 dB
Riserva	OK	8.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.9 dB @ 246.5 MHz	DH	3,6	> 1.5 dB	+21.4 dB
Power Sum ELFEXT	OK	29.4 dB @ 228.0 MHz	DH	3,6	> 14.0 dB	+15.4 dB
Power Sum NEXT	OK	40.6 dB @ 246.5 MHz	DH	3,6	> 32.4 dB	+8.2 dB

**OK**

ID cavo 1: 0068  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:04:17  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.9 dB @ 246.5 MHz		5,4	< 30.9 dB	+13.0 dB
Lunghezza	OK	53.9 m		1,2	< 90.0 m	+36.1 m
NEXT	OK	41.6 dB @ 230.0 MHz	DH	7,8-3,6	> 35.9 dB	+5.7 dB
Resistenza DC	OK	12.1 Ohm		5,4	< 20.0 Ohm	+7.9 Ohm
Impedenza	OK	98.3 Ohm		5,4	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	277.6 ns		5,4	510.0 ns	+232.4 ns
Diff. t. ritardo	OK	12.7 ns		5,4	< 43.0 ns	+30.3 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	14.4 dB @ 218.0 MHz	RH	1,2	> 10.6 dB	+3.8 dB
ACR	OK	24.9 dB @ 230.0 MHz	DH	3,6	>= 6.2 dB	+18.7 dB
ELFEXT	OK	30.2 dB @ 208.5 MHz	RH	3,6-7,8	> 17.8 dB	+12.4 dB
Riserva	OK	10.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.7 dB @ 234.5 MHz	DH	3,6	> 2.8 dB	+20.9 dB
Power Sum ELFEXT	OK	28.2 dB @ 229.0 MHz	DH	3,6	> 14.0 dB	+14.2 dB
Power Sum NEXT	OK	40.6 dB @ 230.0 MHz	DH	3,6	> 32.9 dB	+7.7 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

## OK

ID cavo 1: 0069  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:05:27  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.7 dB @ 248.0 MHz		5,4	< 31.0 dB	+13.3 dB
Lunghezza	OK	53.5 m		1,2	< 90.0 m	+36.5 m
NEXT	OK	41.8 dB @ 237.0 MHz	DH	7,8-3,6	> 35.7 dB	+6.1 dB
Resistenza DC	OK	11.8 Ohm		5,4	< 20.0 Ohm	+8.2 Ohm
Impedenza	OK	96.8 Ohm		5,4	85.0 - 115.0 Ohm	+11.8 Ohm
Ritardo di propag.	OK	277.1 ns		5,4	510.0 ns	+232.9 ns
Diff. t. ritardo	OK	14.5 ns		5,4	< 43.0 ns	+28.5 ns
Capacità	OK	48.70 pF/m		5,4	< 66.00 pF/m	+17.3 pF/m
Return Loss	OK	13.3 dB @ 225.5 MHz	RH	7,8	> 10.5 dB	+2.8 dB
ACR	OK	24.7 dB @ 237.0 MHz	DH	3,6	>= 5.5 dB	+19.2 dB
ELFEXT	OK	42.7 dB @ 55.5 MHz	RH	7,8-5,4	> 29.3 dB	+13.4 dB
Riserva	OK	9.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.7 dB @ 237.0 MHz	DH	3,6	> 2.5 dB	+21.2 dB
Power Sum ELFEXT	OK	29.6 dB @ 227.0 MHz	DH	3,6	> 14.0 dB	+15.6 dB
Power Sum NEXT	OK	40.7 dB @ 235.5 MHz	DH	3,6	> 32.7 dB	+8.0 dB

## OK

ID cavo 1: 0070  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:06:33  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.2 dB @ 235.0 MHz		5,4	< 30.0 dB	+11.8 dB
Lunghezza	OK	53.7 m		1,2	< 90.0 m	+36.3 m
NEXT	OK	42.2 dB @ 249.0 MHz	DH	7,8-3,6	> 35.3 dB	+6.9 dB
Resistenza DC	OK	11.9 Ohm		5,4	< 20.0 Ohm	+8.1 Ohm
Impedenza	OK	98.6 Ohm		5,4	85.0 - 115.0 Ohm	+13.6 Ohm
Ritardo di propag.	OK	276.4 ns		5,4	510.0 ns	+233.6 ns
Diff. t. ritardo	OK	12.8 ns		5,4	< 43.0 ns	+30.2 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	13.9 dB @ 225.5 MHz	RH	3,6	> 10.5 dB	+3.4 dB
ACR	OK	24.6 dB @ 238.5 MHz	DH	3,6	>= 5.4 dB	+19.2 dB
ELFEXT	OK	30.6 dB @ 223.0 MHz	DH	7,8-3,6	> 17.2 dB	+13.4 dB
Riserva	OK	9.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.0 dB @ 228.5 MHz	DH	3,6	> 3.4 dB	+19.6 dB
Power Sum ELFEXT	OK	26.7 dB @ 223.0 MHz	DH	3,6	> 14.2 dB	+12.5 dB
Power Sum NEXT	OK	40.3 dB @ 228.5 MHz	DH	3,6	> 33.0 dB	+7.3 dB

## OK

ID cavo 1: 0071  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:07:51  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.2 dB @ 230.0 MHz		3,6	< 29.7 dB	+12.5 dB
Lunghezza	OK	53.0 m		7,8	< 90.0 m	+37.0 m
NEXT	OK	42.2 dB @ 238.0 MHz	DH	7,8-3,6	> 35.7 dB	+6.5 dB
Resistenza DC	OK	11.7 Ohm		5,4	< 20.0 Ohm	+8.3 Ohm
Impedenza	OK	98.7 Ohm		5,4	85.0 - 115.0 Ohm	+13.7 Ohm
Ritardo di propag.	OK	271.3 ns		5,4	510.0 ns	+238.7 ns
Diff. t. ritardo	OK	11.0 ns		5,4	< 43.0 ns	+32.0 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	15.7 dB @ 212.0 MHz	RH	7,8	> 10.7 dB	+5.0 dB
ACR	OK	25.4 dB @ 238.5 MHz	DH	3,6	>= 5.4 dB	+20.0 dB
ELFEXT	OK	33.6 dB @ 233.0 MHz	RH	3,6-5,4	> 16.8 dB	+16.8 dB
Riserva	OK	10.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.7 dB @ 243.5 MHz	DH	3,6	> 1.8 dB	+22.9 dB
Power Sum ELFEXT	OK	30.6 dB @ 240.0 MHz	DH	5,4	> 13.6 dB	+17.0 dB
Power Sum NEXT	OK	41.8 dB @ 238.0 MHz	DH	7,8	> 32.7 dB	+9.1 dB



# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0072  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:08:52  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.3 dB @ 245.5 MHz		5,4	< 30.8 dB	+12.5 dB
Lunghezza	OK	53.1 m		1,2	< 90.0 m	+36.9 m
NEXT	OK	41.8 dB @ 246.0 MHz	DH	7,8-3,6	> 35.4 dB	+6.4 dB
Resistenza DC	OK	11.9 Ohm		5,4	< 20.0 Ohm	+8.1 Ohm
Impedenza	OK	96.3 Ohm		5,4	85.0 - 115.0 Ohm	+11.3 Ohm
Ritardo di propag.	OK	275.1 ns		5,4	510.0 ns	+234.9 ns
Diff. t. ritardo	OK	14.2 ns		5,4	< 43.0 ns	+28.8 ns
Capacità	OK	49.10 pF/m		5,4	< 66.00 pF/m	+16.9 pF/m
Return Loss	OK	15.3 dB @ 223.0 MHz	RH	7,8	> 10.5 dB	+4.8 dB
ACR	OK	24.4 dB @ 245.5 MHz	DH	3,6	>= 4.6 dB	+19.8 dB
ELFEXT	OK	34.8 dB @ 226.5 MHz	RH	3,6-5,4	> 17.1 dB	+17.7 dB
Riserva	OK	8.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.0 dB @ 245.5 MHz	DH	3,6	> 1.6 dB	+21.4 dB
Power Sum ELFEXT	OK	32.4 dB @ 222.5 MHz	RH	3,6	> 14.2 dB	+18.2 dB
Power Sum NEXT	OK	40.6 dB @ 246.0 MHz	DH	3,6	> 32.4 dB	+8.2 dB

**OK**

ID cavo 1: 0073  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:10:18  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.3 dB @ 245.5 MHz		3,6	< 30.8 dB	+13.5 dB
Lunghezza	OK	52.6 m		1,2	< 90.0 m	+37.4 m
NEXT	OK	40.9 dB @ 248.0 MHz	DH	7,8-3,6	> 35.4 dB	+5.5 dB
Resistenza DC	OK	13.0 Ohm		5,4	< 20.0 Ohm	+7.0 Ohm
Impedenza	OK	101.4 Ohm		1,2	85.0 - 115.0 Ohm	+13.6 Ohm
Ritardo di propag.	OK	271.4 ns		5,4	510.0 ns	+238.6 ns
Diff. t. ritardo	OK	12.7 ns		5,4	< 43.0 ns	+30.3 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	13.8 dB @ 220.5 MHz	RH	7,8	> 10.6 dB	+3.2 dB
ACR	OK	24.1 dB @ 246.5 MHz	DH	3,6	>= 4.5 dB	+19.6 dB
ELFEXT	OK	33.1 dB @ 224.0 MHz	RH	3,6-5,4	> 17.2 dB	+15.9 dB
Riserva	OK	8.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.1 dB @ 245.5 MHz	DH	3,6	> 1.6 dB	+21.5 dB
Power Sum ELFEXT	OK	30.2 dB @ 224.0 MHz	DH	3,6	> 14.2 dB	+16.0 dB
Power Sum NEXT	OK	40.2 dB @ 247.0 MHz	DH	3,6	> 32.4 dB	+7.8 dB

**OK**

ID cavo 1: 0074  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:11:21  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.4 dB @ 246.0 MHz		3,6	< 30.9 dB	+13.5 dB
Lunghezza	OK	52.8 m		1,2	< 90.0 m	+37.2 m
NEXT	OK	41.4 dB @ 249.5 MHz	DH	7,8-3,6	> 35.3 dB	+6.1 dB
Resistenza DC	OK	12.6 Ohm		5,4	< 20.0 Ohm	+7.4 Ohm
Impedenza	OK	101.4 Ohm		1,2	85.0 - 115.0 Ohm	+13.6 Ohm
Ritardo di propag.	OK	272.2 ns		5,4	510.0 ns	+237.8 ns
Diff. t. ritardo	OK	12.6 ns		5,4	< 43.0 ns	+30.4 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	14.0 dB @ 224.0 MHz	RH	1,2	> 10.5 dB	+3.5 dB
ACR	OK	24.6 dB @ 249.5 MHz	DH	3,6	>= 4.2 dB	+20.4 dB
ELFEXT	OK	30.4 dB @ 224.0 MHz	RH	3,6-5,4	> 17.2 dB	+13.2 dB
Riserva	OK	9.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.8 dB @ 247.5 MHz	DH	3,6	> 1.4 dB	+22.4 dB
Power Sum ELFEXT	OK	27.5 dB @ 224.0 MHz	DH	3,6	> 14.2 dB	+13.3 dB
Power Sum NEXT	OK	40.7 dB @ 249.5 MHz	DH	3,6	> 32.3 dB	+8.4 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0075  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:13:15  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.1 dB @ 248.0 MHz		3,6	< 31.0 dB	+14.9 dB
Lunghezza	OK	47.0 m		1,2	< 90.0 m	+43.0 m
NEXT	OK	41.1 dB @ 240.5 MHz	DH	7,8-3,6	> 35.6 dB	+5.5 dB
Resistenza DC	OK	13.0 Ohm		5,4	< 20.0 Ohm	+7.0 Ohm
Impedenza	OK	98.4 Ohm		5,4	85.0 - 115.0 Ohm	+13.4 Ohm
Ritardo di propag.	OK	244.0 ns		5,4	510.0 ns	+266.0 ns
Diff. t. ritardo	OK	11.3 ns		5,4	< 43.0 ns	+31.7 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	15.1 dB @ 224.0 MHz	RH	7,8	> 10.5 dB	+4.6 dB
ACR	OK	25.1 dB @ 240.5 MHz	DH	3,6	>= 5.2 dB	+19.9 dB
ELFEXT	OK	32.1 dB @ 229.0 MHz	DH	5,4-3,6	> 17.0 dB	+15.1 dB
Riserva	OK	7.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.2 dB @ 240.5 MHz	DH	3,6	> 2.2 dB	+22.0 dB
Power Sum ELFEXT	OK	29.4 dB @ 229.5 MHz	DH	3,6	> 13.9 dB	+15.5 dB
Power Sum NEXT	OK	40.2 dB @ 240.5 MHz	DH	3,6	> 32.6 dB	+7.6 dB

**OK**

ID cavo 1: 0076  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:14:55  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.0 dB @ 245.5 MHz		3,6	< 30.8 dB	+14.8 dB
Lunghezza	OK	46.9 m		7,8	< 90.0 m	+43.1 m
NEXT	OK	42.4 dB @ 249.0 MHz	DH	7,8-3,6	> 35.3 dB	+7.1 dB
Resistenza DC	OK	11.7 Ohm		5,4	< 20.0 Ohm	+8.3 Ohm
Impedenza	OK	101.5 Ohm		1,2	85.0 - 115.0 Ohm	+13.5 Ohm
Ritardo di propag.	OK	243.6 ns		5,4	510.0 ns	+266.4 ns
Diff. t. ritardo	OK	11.5 ns		5,4	< 43.0 ns	+31.5 ns
Capacità	OK	47.70 pF/m		5,4	< 66.00 pF/m	+18.3 pF/m
Return Loss	OK	15.4 dB @ 227.0 MHz	RH	7,8	> 10.4 dB	+5.0 dB
ACR	OK	27.2 dB @ 249.0 MHz	DH	3,6	>= 4.2 dB	+23.0 dB
ELFEXT	OK	33.5 dB @ 201.0 MHz	DH	3,6-5,4	> 18.1 dB	+15.4 dB
Riserva	OK	9.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	25.7 dB @ 240.5 MHz	DH	3,6	> 2.2 dB	+23.5 dB
Power Sum ELFEXT	OK	30.9 dB @ 233.5 MHz	DH	3,6	> 13.8 dB	+17.1 dB
Power Sum NEXT	OK	40.8 dB @ 240.5 MHz	DH	3,6	> 32.6 dB	+8.2 dB

**OK**

ID cavo 1: 0077  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:16:19  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.8 dB @ 242.0 MHz		3,6	< 30.6 dB	+12.8 dB
Lunghezza	OK	53.7 m		1,2	< 90.0 m	+36.3 m
NEXT	OK	41.5 dB @ 237.0 MHz	DH	7,8-3,6	> 35.7 dB	+5.8 dB
Resistenza DC	OK	13.1 Ohm		5,4	< 20.0 Ohm	+6.9 Ohm
Impedenza	OK	101.6 Ohm		1,2	85.0 - 115.0 Ohm	+13.4 Ohm
Ritardo di propag.	OK	277.0 ns		5,4	510.0 ns	+233.0 ns
Diff. t. ritardo	OK	13.1 ns		5,4	< 43.0 ns	+29.9 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	15.8 dB @ 154.5 MHz	RH	1,2	> 12.1 dB	+3.7 dB
ACR	OK	24.7 dB @ 237.0 MHz	DH	3,6	>= 5.5 dB	+19.2 dB
ELFEXT	OK	33.4 dB @ 215.0 MHz	DH	7,8-3,6	> 17.5 dB	+15.9 dB
Riserva	OK	10.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.6 dB @ 237.0 MHz	DH	3,6	> 2.5 dB	+21.1 dB
Power Sum ELFEXT	OK	29.4 dB @ 223.0 MHz	RH	3,6	> 14.2 dB	+15.2 dB
Power Sum NEXT	OK	40.4 dB @ 237.0 MHz	DH	3,6	> 32.7 dB	+7.7 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0078  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:17:26  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.9 dB @ 241.5 MHz		3,6	< 30.5 dB	+12.6 dB
Lunghezza	OK	53.7 m		1,2	< 90.0 m	+36.3 m
NEXT	OK	41.6 dB @ 247.0 MHz	DH	7,8-3,6	> 35.4 dB	+6.2 dB
Resistenza DC	OK	12.6 Ohm		5,4	< 20.0 Ohm	+7.4 Ohm
Impedenza	OK	96.6 Ohm		5,4	85.0 - 115.0 Ohm	+11.6 Ohm
Ritardo di propag.	OK	278.0 ns		5,4	510.0 ns	+232.0 ns
Diff. t. ritardo	OK	14.4 ns		5,4	< 43.0 ns	+28.6 ns
Capacità	OK	48.90 pF/m		5,4	< 66.00 pF/m	+17.1 pF/m
Return Loss	OK	14.6 dB @ 210.0 MHz	RH	7,8	> 10.8 dB	+3.8 dB
ACR	OK	24.2 dB @ 247.0 MHz	DH	3,6	>= 4.5 dB	+19.7 dB
ELFEXT	OK	32.9 dB @ 227.5 MHz	DH	3,6-5,4	> 17.0 dB	+15.9 dB
Riserva	OK	7.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.8 dB @ 247.0 MHz	DH	3,6	> 1.5 dB	+20.3 dB
Power Sum ELFEXT	OK	30.9 dB @ 227.5 MHz	DH	5,4	> 14.0 dB	+16.9 dB
Power Sum NEXT	OK	39.2 dB @ 247.0 MHz	DH	3,6	> 32.4 dB	+6.8 dB

**OK**

ID cavo 1: 0079  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:19:43  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.2 dB @ 248.5 MHz		5,4	< 31.0 dB	+13.8 dB
Lunghezza	OK	49.0 m		1,2	< 90.0 m	+41.0 m
NEXT	OK	41.3 dB @ 235.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.6 dB
Resistenza DC	OK	12.6 Ohm		5,4	< 20.0 Ohm	+7.4 Ohm
Impedenza	OK	96.3 Ohm		5,4	85.0 - 115.0 Ohm	+11.3 Ohm
Ritardo di propag.	OK	254.9 ns		5,4	510.0 ns	+255.1 ns
Diff. t. ritardo	OK	13.0 ns		5,4	< 43.0 ns	+30.0 ns
Capacità	OK	49.00 pF/m		5,4	< 66.00 pF/m	+17.0 pF/m
Return Loss	OK	17.7 dB @ 103.0 MHz	RH	1,2	> 13.9 dB	+3.8 dB
ACR	OK	25.2 dB @ 243.0 MHz	DH	3,6	>= 4.9 dB	+20.3 dB
ELFEXT	OK	30.7 dB @ 222.5 MHz	RH	3,6-7,8	> 17.2 dB	+13.5 dB
Riserva	OK	7.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.8 dB @ 241.0 MHz	DH	3,6	> 2.1 dB	+21.7 dB
Power Sum ELFEXT	OK	28.6 dB @ 222.5 MHz	DH	3,6	> 14.2 dB	+14.4 dB
Power Sum NEXT	OK	40.1 dB @ 241.5 MHz	DH	3,6	> 32.6 dB	+7.5 dB

**OK**

ID cavo 1: 0080  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:22:33  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.6 dB @ 246.5 MHz		5,4	< 30.9 dB	+14.3 dB
Lunghezza	OK	48.9 m		1,2	< 90.0 m	+41.1 m
NEXT	OK	42.1 dB @ 237.5 MHz	DH	7,8-3,6	> 35.7 dB	+6.4 dB
Resistenza DC	OK	12.0 Ohm		5,4	< 20.0 Ohm	+8.0 Ohm
Impedenza	OK	96.4 Ohm		5,4	85.0 - 115.0 Ohm	+11.4 Ohm
Ritardo di propag.	OK	254.6 ns		5,4	510.0 ns	+255.4 ns
Diff. t. ritardo	OK	12.9 ns		5,4	< 43.0 ns	+30.1 ns
Capacità	OK	49.00 pF/m		5,4	< 66.00 pF/m	+17.0 pF/m
Return Loss	OK	14.5 dB @ 224.0 MHz	RH	7,8	> 10.5 dB	+4.0 dB
ACR	OK	26.1 dB @ 237.5 MHz	DH	3,6	>= 5.5 dB	+20.6 dB
ELFEXT	OK	31.9 dB @ 224.5 MHz	RH	5,4-3,6	> 17.1 dB	+14.8 dB
Riserva	OK	9.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.8 dB @ 237.5 MHz	DH	3,6	> 2.5 dB	+22.3 dB
Power Sum ELFEXT	OK	30.2 dB @ 224.5 MHz	DH	3,6	> 14.1 dB	+16.1 dB
Power Sum NEXT	OK	40.8 dB @ 237.5 MHz	DH	3,6	> 32.7 dB	+8.1 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0081  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:23:49  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.5 dB @ 239.0 MHz		3,6	< 30.3 dB	+13.8 dB
Lunghezza	OK	48.6 m		1,2	< 90.0 m	+41.4 m
NEXT	OK	39.6 dB @ 250.0 MHz	DH	7,8-3,6	> 35.3 dB	+4.3 dB
Resistenza DC	OK	12.2 Ohm		5,4	< 20.0 Ohm	+7.8 Ohm
Impedenza	OK	96.8 Ohm		5,4	85.0 - 115.0 Ohm	+11.8 Ohm
Ritardo di propag.	OK	253.8 ns		5,4	510.0 ns	+256.2 ns
Diff. t. ritardo	OK	13.5 ns		5,4	< 43.0 ns	+29.5 ns
Capacità	OK	48.80 pF/m		5,4	< 66.00 pF/m	+17.2 pF/m
Return Loss	OK	14.4 dB @ 222.5 MHz	DH	7,8	> 10.5 dB	+3.9 dB
ACR	OK	24.2 dB @ 250.0 MHz	DH	3,6	>= 4.1 dB	+20.1 dB
ELFEXT	OK	29.6 dB @ 212.5 MHz	RH	7,8-3,6	> 17.6 dB	+12.0 dB
Riserva	OK	7.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.0 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+21.9 dB
Power Sum ELFEXT	OK	28.0 dB @ 224.5 MHz	DH	3,6	> 14.1 dB	+13.9 dB
Power Sum NEXT	OK	38.4 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+6.1 dB

**OK**

ID cavo 1: 0082  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:25:01  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.6 dB @ 247.0 MHz		5,4	< 30.9 dB	+14.3 dB
Lunghezza	OK	48.7 m		1,2	< 90.0 m	+41.3 m
NEXT	OK	41.5 dB @ 249.0 MHz	DH	7,8-3,6	> 35.3 dB	+6.2 dB
Resistenza DC	OK	11.9 Ohm		5,4	< 20.0 Ohm	+8.1 Ohm
Impedenza	OK	96.5 Ohm		5,4	85.0 - 115.0 Ohm	+11.5 Ohm
Ritardo di propag.	OK	253.7 ns		5,4	510.0 ns	+256.3 ns
Diff. t. ritardo	OK	13.0 ns		5,4	< 43.0 ns	+30.0 ns
Capacità	OK	49.00 pF/m		5,4	< 66.00 pF/m	+17.0 pF/m
Return Loss	OK	16.5 dB @ 163.5 MHz	RH	1,2	> 11.9 dB	+4.6 dB
ACR	OK	25.0 dB @ 249.0 MHz	DH	3,6	>= 4.2 dB	+20.8 dB
ELFEXT	OK	29.5 dB @ 234.0 MHz	DH	5,4-3,6	> 16.8 dB	+12.7 dB
Riserva	OK	7.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.0 dB @ 249.0 MHz	DH	3,6	> 1.2 dB	+22.8 dB
Power Sum ELFEXT	OK	28.5 dB @ 234.0 MHz	DH	3,6	> 13.8 dB	+14.7 dB
Power Sum NEXT	OK	40.4 dB @ 249.5 MHz	DH	3,6	> 32.3 dB	+8.1 dB

**OK**

ID cavo 1: 0083  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:26:20  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.5 dB @ 225.0 MHz		5,4	< 29.3 dB	+12.8 dB
Lunghezza	OK	48.8 m		1,2	< 90.0 m	+41.2 m
NEXT	OK	41.2 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+5.7 dB
Resistenza DC	OK	12.1 Ohm		5,4	< 20.0 Ohm	+7.9 Ohm
Impedenza	OK	101.6 Ohm		1,2	85.0 - 115.0 Ohm	+13.4 Ohm
Ritardo di propag.	OK	253.2 ns		5,4	510.0 ns	+256.8 ns
Diff. t. ritardo	OK	12.0 ns		5,4	< 43.0 ns	+31.0 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	17.2 dB @ 107.5 MHz	RH	1,2	> 13.7 dB	+3.5 dB
ACR	OK	25.2 dB @ 243.0 MHz	DH	3,6	>= 4.9 dB	+20.3 dB
ELFEXT	OK	35.6 dB @ 175.5 MHz	DH	3,6-7,8	> 19.3 dB	+16.3 dB
Riserva	OK	6.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.6 dB @ 242.0 MHz	DH	3,6	> 1.9 dB	+20.7 dB
Power Sum ELFEXT	OK	31.3 dB @ 230.0 MHz	RH	3,6	> 13.9 dB	+17.4 dB
Power Sum NEXT	OK	38.6 dB @ 242.5 MHz	DH	3,6	> 32.5 dB	+6.1 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0084  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:27:21  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.4 dB @ 250.0 MHz		3,6	< 31.2 dB	+14.8 dB
Lunghezza	OK	48.9 m		1,2	< 90.0 m	+41.1 m
NEXT	OK	41.8 dB @ 230.5 MHz	DH	7,8-3,6	> 35.9 dB	+5.9 dB
Resistenza DC	OK	12.2 Ohm		5,4	< 20.0 Ohm	+7.8 Ohm
Impedenza	OK	98.1 Ohm		5,4	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	253.6 ns		5,4	510.0 ns	+256.4 ns
Diff. t. ritardo	OK	11.9 ns		5,4	< 43.0 ns	+31.1 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	13.8 dB @ 219.5 MHz	DH	1,2	> 10.6 dB	+3.2 dB
ACR	OK	26.0 dB @ 250.0 MHz	DH	3,6	>= 4.1 dB	+21.9 dB
ELFEXT	OK	32.8 dB @ 222.5 MHz	RH	3,6-7,8	> 17.2 dB	+15.6 dB
Riserva	OK	8.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.8 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+23.7 dB
Power Sum ELFEXT	OK	30.4 dB @ 229.5 MHz	DH	3,6	> 13.9 dB	+16.5 dB
Power Sum NEXT	OK	40.6 dB @ 230.5 MHz	DH	3,6	> 32.9 dB	+7.7 dB

**OK**

ID cavo 1: 0085  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:28:21  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.0 dB @ 240.5 MHz		3,6	< 30.4 dB	+13.4 dB
Lunghezza	OK	48.8 m		1,2	< 90.0 m	+41.2 m
NEXT	OK	40.9 dB @ 241.0 MHz	DH	7,8-3,6	> 35.6 dB	+5.3 dB
Resistenza DC	OK	11.9 Ohm		5,4	< 20.0 Ohm	+8.1 Ohm
Impedenza	OK	98.0 Ohm		5,4	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	252.9 ns		5,4	510.0 ns	+257.1 ns
Diff. t. ritardo	OK	11.7 ns		5,4	< 43.0 ns	+31.3 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	17.2 dB @ 106.0 MHz	RH	1,2	> 13.7 dB	+3.5 dB
ACR	OK	23.9 dB @ 240.5 MHz	DH	3,6	>= 5.2 dB	+18.7 dB
ELFEXT	OK	30.8 dB @ 231.5 MHz	RH	3,6-7,8	> 16.9 dB	+13.9 dB
Riserva	OK	5.2 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.0 dB @ 240.5 MHz	DH	3,6	> 2.2 dB	+19.8 dB
Power Sum ELFEXT	OK	27.9 dB @ 240.5 MHz	DH	3,6	> 13.5 dB	+14.4 dB
Power Sum NEXT	OK	39.0 dB @ 240.5 MHz	DH	3,6	> 32.6 dB	+6.4 dB

**OK**

ID cavo 1: 0086  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:29:24  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.1 dB @ 232.5 MHz		5,4	< 29.9 dB	+13.8 dB
Lunghezza	OK	48.8 m		1,2	< 90.0 m	+41.2 m
NEXT	OK	41.9 dB @ 241.5 MHz	DH	7,8-3,6	> 35.6 dB	+6.3 dB
Resistenza DC	OK	12.0 Ohm		5,4	< 20.0 Ohm	+8.0 Ohm
Impedenza	OK	101.5 Ohm		1,2	85.0 - 115.0 Ohm	+13.5 Ohm
Ritardo di propag.	OK	252.7 ns		5,4	510.0 ns	+257.3 ns
Diff. t. ritardo	OK	11.8 ns		5,4	< 43.0 ns	+31.2 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	16.2 dB @ 218.5 MHz	RH	7,8	> 10.6 dB	+5.6 dB
ACR	OK	25.9 dB @ 241.5 MHz	DH	3,6	>= 5.1 dB	+20.8 dB
ELFEXT	OK	31.6 dB @ 229.0 MHz	RH	3,6-7,8	> 17.0 dB	+14.6 dB
Riserva	OK	7.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.8 dB @ 247.5 MHz	DH	3,6	> 1.4 dB	+22.4 dB
Power Sum ELFEXT	OK	29.4 dB @ 229.0 MHz	DH	3,6	> 14.0 dB	+15.4 dB
Power Sum NEXT	OK	39.9 dB @ 247.0 MHz	DH	3,6	> 32.4 dB	+7.5 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0087  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:30:48  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	21.6 dB @ 243.0 MHz		5,4	< 30.6 dB	+9.0 dB
Lunghezza	OK	63.1 m		1,2	< 90.0 m	+26.9 m
NEXT	OK	41.2 dB @ 249.5 MHz	DH	7,8-3,6	> 35.3 dB	+5.9 dB
Resistenza DC	OK	14.3 Ohm		5,4	< 20.0 Ohm	+5.7 Ohm
Impedenza	OK	96.3 Ohm		5,4	85.0 - 115.0 Ohm	+11.3 Ohm
Ritardo di propag.	OK	324.8 ns		5,4	510.0 ns	+185.2 ns
Diff. t. ritardo	OK	17.6 ns		5,4	< 43.0 ns	+25.4 ns
Capacità	OK	49.00 pF/m		5,4	< 66.00 pF/m	+17.0 pF/m
Return Loss	OK	15.9 dB @ 167.5 MHz	RH	3,6	> 11.7 dB	+4.2 dB
ACR	OK	20.7 dB @ 249.5 MHz	DH	3,6	>= 4.2 dB	+16.5 dB
ELFEXT	OK	34.1 dB @ 165.0 MHz	DH	7,8-3,6	> 19.8 dB	+14.3 dB
Riserva	OK	7.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	18.6 dB @ 249.5 MHz	DH	3,6	> 1.2 dB	+17.4 dB
Power Sum ELFEXT	OK	31.5 dB @ 169.0 MHz	DH	3,6	> 16.6 dB	+14.9 dB
Power Sum NEXT	OK	39.1 dB @ 249.5 MHz	DH	3,6	> 32.3 dB	+6.8 dB

**OK**

ID cavo 1: 0088  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:31:50  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	21.3 dB @ 243.0 MHz		3,6	< 30.6 dB	+9.3 dB
Lunghezza	OK	63.0 m		1,2	< 90.0 m	+27.0 m
NEXT	OK	40.6 dB @ 245.0 MHz	DH	7,8-3,6	> 35.5 dB	+5.1 dB
Resistenza DC	OK	14.8 Ohm		5,4	< 20.0 Ohm	+5.2 Ohm
Impedenza	OK	97.6 Ohm		5,4	85.0 - 115.0 Ohm	+12.6 Ohm
Ritardo di propag.	OK	323.2 ns		5,4	510.0 ns	+186.8 ns
Diff. t. ritardo	OK	16.5 ns		5,4	< 43.0 ns	+26.5 ns
Capacità	OK	48.40 pF/m		5,4	< 66.00 pF/m	+17.6 pF/m
Return Loss	OK	14.0 dB @ 227.5 MHz	RH	1,2	> 10.4 dB	+3.6 dB
ACR	OK	20.0 dB @ 243.0 MHz	DH	3,6	>= 4.9 dB	+15.1 dB
ELFEXT	OK	33.2 dB @ 179.0 MHz	RH	3,6-7,8	> 19.1 dB	+14.1 dB
Riserva	OK	7.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	19.0 dB @ 243.0 MHz	DH	3,6	> 1.9 dB	+17.1 dB
Power Sum ELFEXT	OK	31.7 dB @ 181.5 MHz	RH	3,6	> 16.0 dB	+15.7 dB
Power Sum NEXT	OK	39.6 dB @ 245.0 MHz	DH	3,6	> 32.5 dB	+7.1 dB

**OK**

ID cavo 1: 0089  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:32:58  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.4 dB @ 248.0 MHz		3,6	< 31.0 dB	+10.6 dB
Lunghezza	OK	63.0 m		1,2	< 90.0 m	+27.0 m
NEXT	OK	42.3 dB @ 234.5 MHz	DH	7,8-3,6	> 35.8 dB	+6.5 dB
Resistenza DC	OK	14.1 Ohm		5,4	< 20.0 Ohm	+5.9 Ohm
Impedenza	OK	99.3 Ohm		5,4	85.0 - 115.0 Ohm	+14.3 Ohm
Ritardo di propag.	OK	320.6 ns		5,4	510.0 ns	+189.4 ns
Diff. t. ritardo	OK	13.9 ns		5,4	< 43.0 ns	+29.1 ns
Capacità	OK	47.50 pF/m		5,4	< 66.00 pF/m	+18.5 pF/m
Return Loss	OK	16.4 dB @ 173.0 MHz	DH	7,8	> 11.6 dB	+4.8 dB
ACR	OK	22.4 dB @ 234.5 MHz	DH	3,6	>= 5.8 dB	+16.6 dB
ELFEXT	OK	31.6 dB @ 199.0 MHz	DH	5,4-3,6	> 18.2 dB	+13.4 dB
Riserva	OK	10.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.8 dB @ 234.5 MHz	DH	3,6	> 2.8 dB	+18.0 dB
Power Sum ELFEXT	OK	30.0 dB @ 177.5 MHz	DH	3,6	> 16.2 dB	+13.8 dB
Power Sum NEXT	OK	40.7 dB @ 234.5 MHz	DH	3,6	> 32.8 dB	+7.9 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0090  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:34:06  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.6 dB @ 236.0 MHz		5,4	< 30.1 dB	+9.5 dB
Lunghezza	OK	62.7 m		1,2	< 90.0 m	+27.3 m
NEXT	OK	41.5 dB @ 244.5 MHz	DH	7,8-3,6	> 35.5 dB	+6.0 dB
Resistenza DC	OK	13.7 Ohm		3,6	< 20.0 Ohm	+6.3 Ohm
Impedenza	OK	102.4 Ohm		1,2	85.0 - 115.0 Ohm	+12.6 Ohm
Ritardo di propag.	OK	321.3 ns		5,4	510.0 ns	+188.7 ns
Diff. t. ritardo	OK	15.6 ns		5,4	< 43.0 ns	+27.4 ns
Capacità	OK	47.70 pF/m		5,4	< 66.00 pF/m	+18.3 pF/m
Return Loss	OK	17.1 dB @ 103.5 MHz	RH	1,2	> 13.8 dB	+3.3 dB
ACR	OK	21.1 dB @ 245.5 MHz	DH	3,6	>= 4.6 dB	+16.5 dB
ELFEXT	OK	25.0 dB @ 223.0 MHz	DH	1,2-5,4	> 17.2 dB	+7.8 dB
Riserva	OK	8.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	19.6 dB @ 245.5 MHz	DH	3,6	> 1.6 dB	+18.0 dB
Power Sum ELFEXT	OK	21.0 dB @ 223.0 MHz	DH	5,4	> 14.2 dB	+6.8 dB
Power Sum NEXT	OK	40.1 dB @ 244.5 MHz	DH	3,6	> 32.5 dB	+7.6 dB

**OK**

ID cavo 1: 0091  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:35:24  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	19.9 dB @ 245.0 MHz		3,6	< 30.8 dB	+10.9 dB
Lunghezza	OK	62.1 m		1,2	< 90.0 m	+27.9 m
NEXT	OK	40.8 dB @ 248.0 MHz	DH	7,8-3,6	> 35.4 dB	+5.4 dB
Resistenza DC	OK	12.8 Ohm		5,4	< 20.0 Ohm	+7.2 Ohm
Impedenza	OK	100.9 Ohm		1,2	85.0 - 115.0 Ohm	+14.1 Ohm
Ritardo di propag.	OK	316.0 ns		5,4	510.0 ns	+194.0 ns
Diff. t. ritardo	OK	13.5 ns		5,4	< 43.0 ns	+29.5 ns
Capacità	OK	47.40 pF/m		5,4	< 66.00 pF/m	+18.6 pF/m
Return Loss	OK	16.1 dB @ 170.5 MHz	RH	7,8	> 11.7 dB	+4.4 dB
ACR	OK	20.9 dB @ 245.0 MHz	DH	3,6	>= 4.7 dB	+16.2 dB
ELFEXT	OK	31.2 dB @ 55.5 MHz	DH	1,2-5,4	> 29.3 dB	+1.9 dB
Riserva	OK	9.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.2 dB @ 245.0 MHz	DH	3,6	> 1.7 dB	+18.5 dB
Power Sum ELFEXT	OK	26.8 dB @ 55.5 MHz	DH	5,4	> 26.3 dB	+0.5 dB
Power Sum NEXT	OK	40.2 dB @ 242.0 MHz	DH	7,8	> 32.5 dB	+7.7 dB

**OK**

ID cavo 1: 0092  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:36:48  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.3 dB @ 240.5 MHz		3,6	< 30.4 dB	+10.1 dB
Lunghezza	OK	62.1 m		1,2	< 90.0 m	+27.9 m
NEXT	OK	41.4 dB @ 244.5 MHz	DH	7,8-3,6	> 35.5 dB	+5.9 dB
Resistenza DC	OK	13.0 Ohm		3,6	< 20.0 Ohm	+7.0 Ohm
Impedenza	OK	102.0 Ohm		1,2	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	317.9 ns		5,4	510.0 ns	+192.1 ns
Diff. t. ritardo	OK	15.3 ns		5,4	< 43.0 ns	+27.7 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	13.9 dB @ 229.0 MHz	RH	7,8	> 10.4 dB	+3.5 dB
ACR	OK	21.7 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+16.9 dB
ELFEXT	OK	33.0 dB @ 191.5 MHz	DH	5,4-3,6	> 18.5 dB	+14.5 dB
Riserva	OK	9.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.5 dB @ 245.0 MHz	DH	3,6	> 1.7 dB	+18.8 dB
Power Sum ELFEXT	OK	30.9 dB @ 184.0 MHz	RH	3,6	> 15.9 dB	+15.0 dB
Power Sum NEXT	OK	40.3 dB @ 244.5 MHz	DH	3,6	> 32.5 dB	+7.8 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0093  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:38:14  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.6 dB @ 248.5 MHz		5,4	< 31.0 dB	+10.4 dB
Lunghezza	OK	62.1 m		1,2	< 90.0 m	+27.9 m
NEXT	OK	41.2 dB @ 238.0 MHz	DH	7,8-3,6	> 35.7 dB	+5.5 dB
Resistenza DC	OK	13.1 Ohm		5,4	< 20.0 Ohm	+6.9 Ohm
Impedenza	OK	96.8 Ohm		5,4	85.0 - 115.0 Ohm	+11.8 Ohm
Ritardo di propag.	OK	320.0 ns		5,4	510.0 ns	+190.0 ns
Diff. t. ritardo	OK	17.4 ns		5,4	< 43.0 ns	+25.6 ns
Capacità	OK	48.80 pF/m		5,4	< 66.00 pF/m	+17.2 pF/m
Return Loss	OK	15.0 dB @ 167.0 MHz	RH	1,2	> 11.8 dB	+3.2 dB
ACR	OK	21.5 dB @ 244.0 MHz	DH	3,6	>= 4.8 dB	+16.7 dB
ELFEXT	OK	34.0 dB @ 175.5 MHz	RH	5,4-3,6	> 19.3 dB	+14.7 dB
Riserva	OK	9.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.7 dB @ 244.0 MHz	DH	3,6	> 1.8 dB	+18.9 dB
Power Sum ELFEXT	OK	31.7 dB @ 175.5 MHz	DH	3,6	> 16.3 dB	+15.4 dB
Power Sum NEXT	OK	40.4 dB @ 238.0 MHz	DH	7,8	> 32.7 dB	+7.7 dB

**OK**

ID cavo 1: 0094  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:39:35  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.1 dB @ 245.0 MHz		5,4	< 30.8 dB	+10.7 dB
Lunghezza	OK	62.0 m		1,2	< 90.0 m	+28.0 m
NEXT	OK	40.9 dB @ 244.0 MHz	DH	7,8-3,6	> 35.5 dB	+5.4 dB
Resistenza DC	OK	12.8 Ohm		5,4	< 20.0 Ohm	+7.2 Ohm
Impedenza	OK	98.1 Ohm		5,4	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	317.6 ns		5,4	510.0 ns	+192.4 ns
Diff. t. ritardo	OK	15.5 ns		5,4	< 43.0 ns	+27.5 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	16.8 dB @ 102.0 MHz	RH	1,2	> 13.9 dB	+2.9 dB
ACR	OK	21.4 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+16.6 dB
ELFEXT	OK	33.7 dB @ 187.5 MHz	DH	5,4-3,6	> 18.7 dB	+15.0 dB
Riserva	OK	9.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.4 dB @ 242.0 MHz	DH	3,6	> 1.9 dB	+18.5 dB
Power Sum ELFEXT	OK	31.9 dB @ 179.5 MHz	RH	3,6	> 16.1 dB	+15.8 dB
Power Sum NEXT	OK	40.0 dB @ 244.0 MHz	DH	3,6	> 32.5 dB	+7.5 dB

**OK**

ID cavo 1: 0095  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:41:36  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	17.9 dB @ 243.0 MHz		3,6	< 30.6 dB	+12.7 dB
Lunghezza	OK	52.8 m		1,2	< 90.0 m	+37.2 m
NEXT	OK	41.2 dB @ 241.0 MHz	DH	7,8-3,6	> 35.6 dB	+5.6 dB
Resistenza DC	OK	11.5 Ohm		5,4	< 20.0 Ohm	+8.5 Ohm
Impedenza	OK	98.3 Ohm		5,4	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	272.3 ns		5,4	510.0 ns	+237.7 ns
Diff. t. ritardo	OK	12.5 ns		5,4	< 43.0 ns	+30.5 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	16.7 dB @ 163.5 MHz	RH	1,2	> 11.9 dB	+4.8 dB
ACR	OK	23.7 dB @ 241.0 MHz	DH	3,6	>= 5.1 dB	+18.6 dB
ELFEXT	OK	31.9 dB @ 215.0 MHz	RH	3,6-7,8	> 17.5 dB	+14.4 dB
Riserva	OK	8.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.9 dB @ 240.0 MHz	DH	3,6	> 2.2 dB	+20.7 dB
Power Sum ELFEXT	OK	29.8 dB @ 215.0 MHz	RH	3,6	> 14.5 dB	+15.3 dB
Power Sum NEXT	OK	40.3 dB @ 240.5 MHz	DH	3,6	> 32.6 dB	+7.7 dB



# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0096  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:42:38  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.2 dB @ 237.0 MHz		3,6	< 30.2 dB	+12.0 dB
Lunghezza	OK	52.8 m		1,2	< 90.0 m	+37.2 m
NEXT	OK	41.7 dB @ 239.5 MHz	DH	7,8-3,6	> 35.6 dB	+6.1 dB
Resistenza DC	OK	11.7 Ohm		5,4	< 20.0 Ohm	+8.3 Ohm
Impedenza	OK	95.9 Ohm		5,4	85.0 - 115.0 Ohm	+10.9 Ohm
Ritardo di propag.	OK	273.5 ns		5,4	510.0 ns	+236.5 ns
Diff. t. ritardo	OK	14.1 ns		5,4	< 43.0 ns	+28.9 ns
Capacità	OK	49.20 pF/m		5,4	< 66.00 pF/m	+16.8 pF/m
Return Loss	OK	15.0 dB @ 218.5 MHz	RH	7,8	> 10.6 dB	+4.4 dB
ACR	OK	23.9 dB @ 237.0 MHz	DH	3,6	>= 5.5 dB	+18.4 dB
ELFEXT	OK	25.9 dB @ 223.0 MHz	DH	3,6-5,4	> 17.2 dB	+8.7 dB
Riserva	OK	7.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.5 dB @ 243.5 MHz	DH	3,6	> 1.8 dB	+20.7 dB
Power Sum ELFEXT	OK	21.6 dB @ 223.0 MHz	DH	5,4	> 14.2 dB	+7.4 dB
Power Sum NEXT	OK	40.1 dB @ 245.5 MHz	DH	3,6	> 32.4 dB	+7.7 dB

**OK**

ID cavo 1: 0097  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:48:33  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	21.0 dB @ 246.0 MHz		3,6	< 30.9 dB	+9.9 dB
Lunghezza	OK	62.7 m		1,2	< 90.0 m	+27.3 m
NEXT	OK	42.6 dB @ 187.0 MHz	DH	7,8-3,6	> 37.4 dB	+5.2 dB
Resistenza DC	OK	13.3 Ohm		5,4	< 20.0 Ohm	+6.7 Ohm
Impedenza	OK	98.2 Ohm		5,4	85.0 - 115.0 Ohm	+13.2 Ohm
Ritardo di propag.	OK	320.7 ns		5,4	510.0 ns	+189.3 ns
Diff. t. ritardo	OK	15.2 ns		5,4	< 43.0 ns	+27.8 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	15.1 dB @ 226.0 MHz	DH	7,8	> 10.4 dB	+4.7 dB
ACR	OK	22.1 dB @ 246.0 MHz	DH	3,6	>= 4.5 dB	+17.6 dB
ELFEXT	OK	34.0 dB @ 169.5 MHz	RH	5,4-3,6	> 19.6 dB	+14.4 dB
Riserva	OK	9.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.1 dB @ 243.5 MHz	DH	3,6	> 1.8 dB	+19.3 dB
Power Sum ELFEXT	OK	31.4 dB @ 164.5 MHz	DH	3,6	> 16.8 dB	+14.6 dB
Power Sum NEXT	OK	41.6 dB @ 243.5 MHz	DH	3,6	> 32.5 dB	+9.1 dB

**OK**

ID cavo 1: 0098  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:49:38  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.7 dB @ 247.0 MHz		3,6	< 30.9 dB	+10.2 dB
Lunghezza	OK	62.4 m		1,2	< 90.0 m	+27.6 m
NEXT	OK	42.0 dB @ 242.5 MHz	DH	7,8-3,6	> 35.5 dB	+6.5 dB
Resistenza DC	OK	13.8 Ohm		5,4	< 20.0 Ohm	+6.2 Ohm
Impedenza	OK	98.8 Ohm		5,4	85.0 - 115.0 Ohm	+13.8 Ohm
Ritardo di propag.	OK	318.1 ns		5,4	510.0 ns	+191.9 ns
Diff. t. ritardo	OK	14.0 ns		5,4	< 43.0 ns	+29.0 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	14.4 dB @ 227.0 MHz	DH	3,6	> 10.4 dB	+4.0 dB
ACR	OK	21.6 dB @ 242.5 MHz	DH	3,6	>= 4.9 dB	+16.7 dB
ELFEXT	OK	33.6 dB @ 174.0 MHz	DH	7,8-3,6	> 19.3 dB	+14.3 dB
Riserva	OK	9.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.8 dB @ 234.5 MHz	DH	3,6	> 2.8 dB	+18.0 dB
Power Sum ELFEXT	OK	31.5 dB @ 183.5 MHz	RH	3,6	> 15.9 dB	+15.6 dB
Power Sum NEXT	OK	41.1 dB @ 234.5 MHz	DH	3,6	> 32.8 dB	+8.3 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0099  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:52:00  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.2 dB @ 244.0 MHz		5,4	< 30.7 dB	+12.5 dB
Lunghezza	OK	53.9 m		1,2	< 90.0 m	+36.1 m
NEXT	OK	41.5 dB @ 241.0 MHz	DH	7,8-3,6	> 35.6 dB	+5.9 dB
Resistenza DC	OK	12.4 Ohm		5,4	< 20.0 Ohm	+7.6 Ohm
Impedenza	OK	98.0 Ohm		5,4	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	277.8 ns		5,4	510.0 ns	+232.2 ns
Diff. t. ritardo	OK	13.1 ns		5,4	< 43.0 ns	+29.9 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	14.4 dB @ 216.5 MHz	RH	7,8	> 10.6 dB	+3.8 dB
ACR	OK	24.0 dB @ 241.5 MHz	DH	3,6	>= 5.1 dB	+18.9 dB
ELFEXT	OK	30.8 dB @ 221.0 MHz	RH	3,6-5,4	> 17.3 dB	+13.5 dB
Riserva	OK	8.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.8 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+20.7 dB
Power Sum ELFEXT	OK	29.9 dB @ 226.0 MHz	DH	5,4	> 14.1 dB	+15.8 dB
Power Sum NEXT	OK	40.4 dB @ 241.0 MHz	DH	3,6	> 32.6 dB	+7.8 dB

**OK**

ID cavo 1: 0100  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:54:16  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.3 dB @ 242.0 MHz		3,6	< 30.6 dB	+12.3 dB
Lunghezza	OK	53.7 m		1,2	< 90.0 m	+36.3 m
NEXT	OK	42.2 dB @ 249.5 MHz	DH	7,8-3,6	> 35.3 dB	+6.9 dB
Resistenza DC	OK	13.0 Ohm		5,4	< 20.0 Ohm	+7.0 Ohm
Impedenza	OK	97.7 Ohm		5,4	85.0 - 115.0 Ohm	+12.7 Ohm
Ritardo di propag.	OK	276.9 ns		5,4	510.0 ns	+233.1 ns
Diff. t. ritardo	OK	13.2 ns		5,4	< 43.0 ns	+29.8 ns
Capacità	OK	48.40 pF/m		5,4	< 66.00 pF/m	+17.6 pF/m
Return Loss	OK	15.7 dB @ 215.5 MHz	DH	1,2	> 10.7 dB	+5.0 dB
ACR	OK	24.1 dB @ 242.0 MHz	DH	3,6	>= 4.9 dB	+19.2 dB
ELFEXT	OK	30.5 dB @ 225.5 MHz	DH	7,8-3,6	> 17.1 dB	+13.4 dB
Riserva	OK	8.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.3 dB @ 242.0 MHz	DH	3,6	> 1.9 dB	+21.4 dB
Power Sum ELFEXT	OK	28.4 dB @ 225.5 MHz	DH	3,6	> 14.1 dB	+14.3 dB
Power Sum NEXT	OK	41.4 dB @ 241.5 MHz	DH	3,6	> 32.6 dB	+8.8 dB

**OK**

ID cavo 1: 0101  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:56:09  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.7 dB @ 235.5 MHz		3,6	< 30.1 dB	+11.4 dB
Lunghezza	OK	53.8 m		1,2	< 90.0 m	+36.2 m
NEXT	OK	42.6 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+7.1 dB
Resistenza DC	OK	12.3 Ohm		5,4	< 20.0 Ohm	+7.7 Ohm
Impedenza	OK	95.7 Ohm		5,4	85.0 - 115.0 Ohm	+10.7 Ohm
Ritardo di propag.	OK	278.8 ns		5,4	510.0 ns	+231.2 ns
Diff. t. ritardo	OK	14.6 ns		5,4	< 43.0 ns	+28.4 ns
Capacità	OK	49.40 pF/m		5,4	< 66.00 pF/m	+16.6 pF/m
Return Loss	OK	15.2 dB @ 227.0 MHz	RH	7,8	> 10.4 dB	+4.8 dB
ACR	OK	24.6 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+19.8 dB
ELFEXT	OK	34.7 dB @ 167.0 MHz	DH	7,8-3,6	> 19.7 dB	+15.0 dB
Riserva	OK	8.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.3 dB @ 244.5 MHz	DH	3,6	> 1.8 dB	+21.5 dB
Power Sum ELFEXT	OK	31.3 dB @ 207.5 MHz	DH	3,6	> 14.8 dB	+16.5 dB
Power Sum NEXT	OK	41.2 dB @ 243.0 MHz	DH	3,6	> 32.5 dB	+8.7 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0102  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:57:36  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.0 dB @ 240.5 MHz		3,6	< 30.4 dB	+12.4 dB
Lunghezza	OK	53.7 m		1,2	< 90.0 m	+36.3 m
NEXT	OK	40.6 dB @ 230.5 MHz	DH	7,8-3,6	> 35.9 dB	+4.7 dB
Resistenza DC	OK	12.5 Ohm		5,4	< 20.0 Ohm	+7.5 Ohm
Impedenza	OK	97.7 Ohm		5,4	85.0 - 115.0 Ohm	+12.7 Ohm
Ritardo di propag.	OK	276.8 ns		5,4	510.0 ns	+233.2 ns
Diff. t. ritardo	OK	13.0 ns		5,4	< 43.0 ns	+30.0 ns
Capacità	OK	48.30 pF/m		5,4	< 66.00 pF/m	+17.7 pF/m
Return Loss	OK	15.7 dB @ 218.0 MHz	RH	7,8	> 10.6 dB	+5.1 dB
ACR	OK	23.2 dB @ 230.0 MHz	DH	3,6	>= 6.2 dB	+17.0 dB
ELFEXT	OK	30.9 dB @ 208.5 MHz	RH	3,6-7,8	> 17.8 dB	+13.1 dB
Riserva	OK	7.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.6 dB @ 236.0 MHz	DH	3,6	> 2.6 dB	+19.0 dB
Power Sum ELFEXT	OK	27.7 dB @ 224.0 MHz	DH	3,6	> 14.2 dB	+13.5 dB
Power Sum NEXT	OK	39.2 dB @ 236.5 MHz	DH	3,6	> 32.7 dB	+6.5 dB

**OK**

ID cavo 1: 0103  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 11:59:27  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	19.1 dB @ 244.5 MHz		3,6	< 30.7 dB	+11.6 dB
Lunghezza	OK	56.0 m		1,2	< 90.0 m	+34.0 m
NEXT	OK	41.5 dB @ 237.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.8 dB
Resistenza DC	OK	13.3 Ohm		5,4	< 20.0 Ohm	+6.7 Ohm
Impedenza	OK	98.0 Ohm		5,4	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	288.4 ns		5,4	510.0 ns	+221.6 ns
Diff. t. ritardo	OK	13.9 ns		5,4	< 43.0 ns	+29.1 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	14.3 dB @ 223.5 MHz	RH	1,2	> 10.5 dB	+3.8 dB
ACR	OK	23.1 dB @ 237.0 MHz	DH	3,6	>= 5.5 dB	+17.6 dB
ELFEXT	OK	34.1 dB @ 174.5 MHz	RH	7,8-3,6	> 19.3 dB	+14.8 dB
Riserva	OK	8.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.9 dB @ 237.0 MHz	DH	3,6	> 2.5 dB	+19.4 dB
Power Sum ELFEXT	OK	31.0 dB @ 203.0 MHz	RH	3,6	> 15.0 dB	+16.0 dB
Power Sum NEXT	OK	40.1 dB @ 237.5 MHz	DH	3,6	> 32.7 dB	+7.4 dB

**OK**

ID cavo 1: 0104  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:00:55  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	19.0 dB @ 247.0 MHz		3,6	< 30.9 dB	+11.9 dB
Lunghezza	OK	56.1 m		1,2	< 90.0 m	+33.9 m
NEXT	OK	42.2 dB @ 242.0 MHz	DH	7,8-3,6	> 35.5 dB	+6.7 dB
Resistenza DC	OK	12.7 Ohm		5,4	< 20.0 Ohm	+7.3 Ohm
Impedenza	OK	97.4 Ohm		5,4	85.0 - 115.0 Ohm	+12.4 Ohm
Ritardo di propag.	OK	288.8 ns		5,4	510.0 ns	+221.2 ns
Diff. t. ritardo	OK	14.1 ns		5,4	< 43.0 ns	+28.9 ns
Capacità	OK	48.50 pF/m		5,4	< 66.00 pF/m	+17.5 pF/m
Return Loss	OK	15.1 dB @ 220.0 MHz	RH	1,2	> 10.6 dB	+4.5 dB
ACR	OK	23.7 dB @ 241.0 MHz	DH	3,6	>= 5.1 dB	+18.6 dB
ELFEXT	OK	32.0 dB @ 214.0 MHz	DH	5,4-3,6	> 17.6 dB	+14.4 dB
Riserva	OK	8.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.1 dB @ 249.0 MHz	DH	3,6	> 1.2 dB	+20.9 dB
Power Sum ELFEXT	OK	28.9 dB @ 221.0 MHz	DH	3,6	> 14.3 dB	+14.6 dB
Power Sum NEXT	OK	40.7 dB @ 242.0 MHz	DH	3,6	> 32.5 dB	+8.2 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0105  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:01:58  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.8 dB @ 247.0 MHz		5,4	< 30.9 dB	+10.1 dB
Lunghezza	OK	59.6 m		1,2	< 90.0 m	+30.4 m
NEXT	OK	41.7 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+6.2 dB
Resistenza DC	OK	12.5 Ohm		5,4	< 20.0 Ohm	+7.5 Ohm
Impedenza	OK	96.0 Ohm		5,4	85.0 - 115.0 Ohm	+11.0 Ohm
Ritardo di propag.	OK	307.6 ns		5,4	510.0 ns	+202.4 ns
Diff. t. ritardo	OK	16.6 ns		5,4	< 43.0 ns	+26.4 ns
Capacità	OK	49.20 pF/m		5,4	< 66.00 pF/m	+16.8 pF/m
Return Loss	OK	15.2 dB @ 215.0 MHz	RH	7,8	> 10.7 dB	+4.5 dB
ACR	OK	22.1 dB @ 243.0 MHz	DH	3,6	>= 4.9 dB	+17.2 dB
ELFEXT	OK	33.2 dB @ 178.0 MHz	RH	5,4-3,6	> 19.2 dB	+14.0 dB
Riserva	OK	9.2 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.4 dB @ 243.0 MHz	DH	3,6	> 1.9 dB	+19.5 dB
Power Sum ELFEXT	OK	31.9 dB @ 198.5 MHz	DH	5,4	> 15.2 dB	+16.7 dB
Power Sum NEXT	OK	41.0 dB @ 243.0 MHz	DH	3,6	> 32.5 dB	+8.5 dB

**OK**

ID cavo 1: 0106  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:03:04  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	19.9 dB @ 242.5 MHz		7,8	< 30.6 dB	+10.7 dB
Lunghezza	OK	59.5 m		1,2	< 90.0 m	+30.5 m
NEXT	OK	41.9 dB @ 242.5 MHz	DH	7,8-3,6	> 35.5 dB	+6.4 dB
Resistenza DC	OK	13.5 Ohm		5,4	< 20.0 Ohm	+6.5 Ohm
Impedenza	OK	97.7 Ohm		5,4	85.0 - 115.0 Ohm	+12.7 Ohm
Ritardo di propag.	OK	305.1 ns		5,4	510.0 ns	+204.9 ns
Diff. t. ritardo	OK	14.5 ns		5,4	< 43.0 ns	+28.5 ns
Capacità	OK	48.30 pF/m		5,4	< 66.00 pF/m	+17.7 pF/m
Return Loss	OK	15.1 dB @ 225.0 MHz	RH	7,8	> 10.5 dB	+4.6 dB
ACR	OK	22.0 dB @ 242.5 MHz	DH	7,8	>= 4.9 dB	+17.1 dB
ELFEXT	OK	33.6 dB @ 174.0 MHz	RH	5,4-3,6	> 19.3 dB	+14.3 dB
Riserva	OK	9.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.4 dB @ 240.5 MHz	DH	3,6	> 2.2 dB	+19.2 dB
Power Sum ELFEXT	OK	31.9 dB @ 181.5 MHz	RH	3,6	> 16.0 dB	+15.9 dB
Power Sum NEXT	OK	40.8 dB @ 241.0 MHz	DH	3,6	> 32.6 dB	+8.2 dB

**OK**

ID cavo 1: 0107  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:04:13  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.3 dB @ 249.0 MHz		3,6	< 31.1 dB	+10.8 dB
Lunghezza	OK	59.8 m		1,2	< 90.0 m	+30.2 m
NEXT	OK	39.4 dB @ 241.0 MHz	DH	7,8-3,6	> 35.6 dB	+3.8 dB
Resistenza DC	OK	13.1 Ohm		5,4	< 20.0 Ohm	+6.9 Ohm
Impedenza	OK	97.8 Ohm		5,4	85.0 - 115.0 Ohm	+12.8 Ohm
Ritardo di propag.	OK	306.1 ns		5,4	510.0 ns	+203.9 ns
Diff. t. ritardo	OK	14.2 ns		5,4	< 43.0 ns	+28.8 ns
Capacità	OK	48.30 pF/m		5,4	< 66.00 pF/m	+17.7 pF/m
Return Loss	OK	16.6 dB @ 213.5 MHz	RH	7,8	> 10.7 dB	+5.9 dB
ACR	OK	19.9 dB @ 240.0 MHz	DH	3,6	>= 5.2 dB	+14.7 dB
ELFEXT	OK	32.7 dB @ 203.5 MHz	DH	5,4-3,6	> 18.0 dB	+14.7 dB
Riserva	OK	6.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	18.8 dB @ 240.0 MHz	DH	3,6	> 2.2 dB	+16.6 dB
Power Sum ELFEXT	OK	30.1 dB @ 218.5 MHz	DH	3,6	> 14.4 dB	+15.7 dB
Power Sum NEXT	OK	38.3 dB @ 241.0 MHz	DH	3,6	> 32.6 dB	+5.7 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0108  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:05:17  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.1 dB @ 242.5 MHz		3,6	< 30.6 dB	+10.5 dB
Lunghezza	OK	59.8 m		1,2	< 90.0 m	+30.2 m
NEXT	OK	40.7 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+5.2 dB
Resistenza DC	OK	13.2 Ohm		5,4	< 20.0 Ohm	+6.8 Ohm
Impedenza	OK	96.0 Ohm		5,4	85.0 - 115.0 Ohm	+11.0 Ohm
Ritardo di propag.	OK	308.5 ns		5,4	510.0 ns	+201.5 ns
Diff. t. ritardo	OK	16.5 ns		5,4	< 43.0 ns	+26.5 ns
Capacità	OK	49.10 pF/m		5,4	< 66.00 pF/m	+16.9 pF/m
Return Loss	OK	14.9 dB @ 213.5 MHz	RH	7,8	> 10.7 dB	+4.2 dB
ACR	OK	20.7 dB @ 242.5 MHz	DH	3,6	>= 4.9 dB	+15.8 dB
ELFEXT	OK	34.5 dB @ 181.0 MHz	RH	5,4-3,6	> 19.0 dB	+15.5 dB
Riserva	OK	7.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.1 dB @ 243.0 MHz	DH	3,6	> 1.9 dB	+18.2 dB
Power Sum ELFEXT	OK	33.5 dB @ 181.0 MHz	RH	5,4	> 16.0 dB	+17.5 dB
Power Sum NEXT	OK	40.1 dB @ 244.0 MHz	DH	3,6	> 32.5 dB	+7.6 dB

**OK**

ID cavo 1: 0109  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:06:26  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.0 dB @ 245.5 MHz		3,6	< 30.8 dB	+10.8 dB
Lunghezza	OK	59.8 m		1,2	< 90.0 m	+30.2 m
NEXT	OK	42.7 dB @ 245.0 MHz	DH	7,8-3,6	> 35.5 dB	+7.2 dB
Resistenza DC	OK	12.9 Ohm		5,4	< 20.0 Ohm	+7.1 Ohm
Impedenza	OK	97.9 Ohm		5,4	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	306.1 ns		5,4	510.0 ns	+203.9 ns
Diff. t. ritardo	OK	14.1 ns		5,4	< 43.0 ns	+28.9 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	15.1 dB @ 225.5 MHz	RH	7,8	> 10.5 dB	+4.6 dB
ACR	OK	22.8 dB @ 245.0 MHz	DH	3,6	>= 4.7 dB	+18.1 dB
ELFEXT	OK	31.9 dB @ 183.5 MHz	RH	3,6-7,8	> 18.9 dB	+13.0 dB
Riserva	OK	9.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.7 dB @ 238.5 MHz	DH	3,6	> 2.4 dB	+19.3 dB
Power Sum ELFEXT	OK	29.3 dB @ 183.5 MHz	RH	3,6	> 15.9 dB	+13.4 dB
Power Sum NEXT	OK	41.4 dB @ 238.5 MHz	DH	3,6	> 32.7 dB	+8.7 dB

**OK**

ID cavo 1: 0110  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:07:51  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.0 dB @ 222.0 MHz		7,8	< 29.1 dB	+9.1 dB
Lunghezza	OK	59.8 m		1,2	< 90.0 m	+30.2 m
NEXT	OK	41.3 dB @ 238.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.6 dB
Resistenza DC	OK	12.9 Ohm		5,4	< 20.0 Ohm	+7.1 Ohm
Impedenza	OK	97.9 Ohm		5,4	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	306.7 ns		5,4	510.0 ns	+203.3 ns
Diff. t. ritardo	OK	14.8 ns		5,4	< 43.0 ns	+28.2 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	15.0 dB @ 224.0 MHz	RH	1,2	> 10.5 dB	+4.5 dB
ACR	OK	21.9 dB @ 222.0 MHz	DH	7,8	>= 7.1 dB	+14.8 dB
ELFEXT	OK	37.4 dB @ 160.5 MHz	RH	3,6-5,4	> 20.0 dB	+17.4 dB
Riserva	OK	8.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.8 dB @ 222.0 MHz	DH	7,8	> 4.1 dB	+17.7 dB
Power Sum ELFEXT	OK	32.8 dB @ 182.0 MHz	DH	3,6	> 16.0 dB	+16.8 dB
Power Sum NEXT	OK	40.4 dB @ 238.5 MHz	DH	3,6	> 32.7 dB	+7.7 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0111  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:08:57  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	19.4 dB @ 238.0 MHz		1,2	< 30.3 dB	+10.9 dB
Lunghezza	OK	60.1 m		1,2	< 90.0 m	+29.9 m
NEXT	OK	40.3 dB @ 232.5 MHz	DH	7,8-3,6	> 35.8 dB	+4.5 dB
Resistenza DC	OK	13.2 Ohm		5,4	< 20.0 Ohm	+6.8 Ohm
Impedenza	OK	98.5 Ohm		5,4	85.0 - 115.0 Ohm	+13.5 Ohm
Ritardo di propag.	OK	306.4 ns		5,4	510.0 ns	+203.6 ns
Diff. t. ritardo	OK	12.9 ns		5,4	< 43.0 ns	+30.1 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	14.4 dB @ 222.0 MHz	RH	1,2	> 10.5 dB	+3.9 dB
ACR	OK	20.5 dB @ 232.5 MHz	DH	3,6	>= 5.9 dB	+14.6 dB
ELFEXT	OK	31.1 dB @ 197.0 MHz	RH	3,6-5,4	> 18.3 dB	+12.8 dB
Riserva	OK	7.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	19.8 dB @ 232.5 MHz	DH	3,6	> 2.9 dB	+16.9 dB
Power Sum ELFEXT	OK	28.8 dB @ 190.5 MHz	RH	3,6	> 15.6 dB	+13.2 dB
Power Sum NEXT	OK	39.6 dB @ 232.5 MHz	DH	3,6	> 32.8 dB	+6.8 dB

**OK**

ID cavo 1: 0112  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:09:59  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.3 dB @ 243.5 MHz		5,4	< 30.7 dB	+10.4 dB
Lunghezza	OK	59.6 m		1,2	< 90.0 m	+30.4 m
NEXT	OK	41.1 dB @ 235.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.4 dB
Resistenza DC	OK	13.1 Ohm		5,4	< 20.0 Ohm	+6.9 Ohm
Impedenza	OK	96.5 Ohm		5,4	85.0 - 115.0 Ohm	+11.5 Ohm
Ritardo di propag.	OK	308.2 ns		5,4	510.0 ns	+201.8 ns
Diff. t. ritardo	OK	16.9 ns		5,4	< 43.0 ns	+26.1 ns
Capacità	OK	48.90 pF/m		5,4	< 66.00 pF/m	+17.1 pF/m
Return Loss	OK	13.6 dB @ 220.5 MHz	RH	7,8	> 10.6 dB	+3.0 dB
ACR	OK	21.9 dB @ 234.5 MHz	DH	3,6	>= 5.8 dB	+16.1 dB
ELFEXT	OK	34.0 dB @ 179.5 MHz	DH	5,4-3,6	> 19.1 dB	+14.9 dB
Riserva	OK	9.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.2 dB @ 232.0 MHz	DH	3,6	> 3.0 dB	+18.2 dB
Power Sum ELFEXT	OK	31.7 dB @ 179.5 MHz	RH	3,6	> 16.1 dB	+15.6 dB
Power Sum NEXT	OK	40.3 dB @ 232.0 MHz	DH	3,6	> 32.8 dB	+7.5 dB

**OK**

ID cavo 1: 0113  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:11:23  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.5 dB @ 245.0 MHz		3,6	< 30.8 dB	+14.3 dB
Lunghezza	OK	49.2 m		1,2	< 90.0 m	+40.8 m
NEXT	OK	40.3 dB @ 234.0 MHz	DH	7,8-3,6	> 35.8 dB	+4.5 dB
Resistenza DC	OK	10.8 Ohm		5,4	< 20.0 Ohm	+9.2 Ohm
Impedenza	OK	101.7 Ohm		1,2	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	254.6 ns		5,4	510.0 ns	+255.4 ns
Diff. t. ritardo	OK	11.8 ns		5,4	< 43.0 ns	+31.2 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	15.7 dB @ 216.5 MHz	RH	1,2	> 10.6 dB	+5.1 dB
ACR	OK	24.9 dB @ 239.0 MHz	DH	7,8	>= 5.3 dB	+19.6 dB
ELFEXT	OK	30.4 dB @ 226.5 MHz	RH	3,6-7,8	> 17.1 dB	+13.3 dB
Riserva	OK	6.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.0 dB @ 245.0 MHz	DH	3,6	> 1.7 dB	+21.3 dB
Power Sum ELFEXT	OK	27.8 dB @ 226.5 MHz	RH	3,6	> 14.1 dB	+13.7 dB
Power Sum NEXT	OK	39.2 dB @ 246.0 MHz	DH	3,6	> 32.4 dB	+6.8 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0114  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:13:40  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.5 dB @ 241.5 MHz		3,6	< 30.5 dB	+14.0 dB
Lunghezza	OK	49.1 m		1,2	< 90.0 m	+40.9 m
NEXT	OK	40.5 dB @ 248.5 MHz	DH	7,8-3,6	> 35.4 dB	+5.1 dB
Resistenza DC	OK	11.5 Ohm		5,4	< 20.0 Ohm	+8.5 Ohm
Impedenza	OK	101.9 Ohm		1,2	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	254.5 ns		5,4	510.0 ns	+255.5 ns
Diff. t. ritardo	OK	11.8 ns		5,4	< 43.0 ns	+31.2 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	15.6 dB @ 219.0 MHz	RH	7,8	> 10.6 dB	+5.0 dB
ACR	OK	24.5 dB @ 249.0 MHz	DH	3,6	>= 4.2 dB	+20.3 dB
ELFEXT	OK	31.5 dB @ 227.0 MHz	DH	7,8-3,6	> 17.0 dB	+14.5 dB
Riserva	OK	7.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.5 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+21.4 dB
Power Sum ELFEXT	OK	30.2 dB @ 227.0 MHz	DH	3,6	> 14.0 dB	+16.2 dB
Power Sum NEXT	OK	39.6 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.3 dB

**OK**

ID cavo 1: 0115  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:14:44  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.6 dB @ 241.5 MHz		3,6	< 30.5 dB	+13.9 dB
Lunghezza	OK	49.1 m		1,2	< 90.0 m	+40.9 m
NEXT	OK	41.4 dB @ 234.5 MHz	DH	7,8-3,6	> 35.8 dB	+5.6 dB
Resistenza DC	OK	11.7 Ohm		5,4	< 20.0 Ohm	+8.3 Ohm
Impedenza	OK	101.7 Ohm		1,2	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	254.3 ns		5,4	510.0 ns	+255.7 ns
Diff. t. ritardo	OK	11.8 ns		5,4	< 43.0 ns	+31.2 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	15.9 dB @ 221.5 MHz	DH	7,8	> 10.5 dB	+5.4 dB
ACR	OK	25.4 dB @ 234.5 MHz	DH	3,6	>= 5.8 dB	+19.6 dB
ELFEXT	OK	31.3 dB @ 220.5 MHz	DH	3,6-7,8	> 17.3 dB	+14.0 dB
Riserva	OK	8.2 dB		N/A	N/A	N/A
Power Sum ACR	OK	24.4 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+22.3 dB
Power Sum ELFEXT	OK	28.8 dB @ 230.0 MHz	RH	3,6	> 13.9 dB	+14.9 dB
Power Sum NEXT	OK	40.5 dB @ 241.0 MHz	DH	3,6	> 32.6 dB	+7.9 dB

**OK**

ID cavo 1: 0116  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:16:04  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.4 dB @ 248.5 MHz		3,6	< 31.0 dB	+12.6 dB
Lunghezza	OK	55.3 m		1,2	< 90.0 m	+34.7 m
NEXT	OK	42.0 dB @ 250.0 MHz	DH	7,8-3,6	> 35.3 dB	+6.7 dB
Resistenza DC	OK	12.5 Ohm		5,4	< 20.0 Ohm	+7.5 Ohm
Impedenza	OK	98.1 Ohm		5,4	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	284.9 ns		5,4	510.0 ns	+225.1 ns
Diff. t. ritardo	OK	13.9 ns		5,4	< 43.0 ns	+29.1 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	15.8 dB @ 207.0 MHz	RH	1,2	> 10.8 dB	+5.0 dB
ACR	OK	24.0 dB @ 248.5 MHz	DH	3,6	>= 4.4 dB	+19.6 dB
ELFEXT	OK	33.8 dB @ 207.0 MHz	DH	5,4-3,6	> 17.8 dB	+16.0 dB
Riserva	OK	8.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.6 dB @ 248.5 MHz	DH	3,6	> 1.4 dB	+21.2 dB
Power Sum ELFEXT	OK	31.5 dB @ 207.0 MHz	RH	3,6	> 14.8 dB	+16.7 dB
Power Sum NEXT	OK	40.6 dB @ 249.5 MHz	DH	3,6	> 32.3 dB	+8.3 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0117  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:17:42  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	19.8 dB @ 241.5 MHz		5,4	< 30.5 dB	+10.7 dB
Lunghezza	OK	61.5 m		1,2	< 90.0 m	+28.5 m
NEXT	OK	42.1 dB @ 240.5 MHz	DH	7,8-3,6	> 35.6 dB	+6.5 dB
Resistenza DC	OK	13.4 Ohm		5,4	< 20.0 Ohm	+6.6 Ohm
Impedenza	OK	101.9 Ohm		1,2	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	315.0 ns		5,4	510.0 ns	+195.0 ns
Diff. t. ritardo	OK	15.3 ns		5,4	< 43.0 ns	+27.7 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	17.2 dB @ 163.0 MHz	RH	3,6	> 11.9 dB	+5.3 dB
ACR	OK	22.6 dB @ 248.5 MHz	DH	3,6	>= 4.4 dB	+18.2 dB
ELFEXT	OK	32.7 dB @ 177.0 MHz	RH	3,6-7,8	> 19.2 dB	+13.5 dB
Riserva	OK	9.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.5 dB @ 248.5 MHz	DH	3,6	> 1.4 dB	+19.1 dB
Power Sum ELFEXT	OK	31.3 dB @ 177.0 MHz	RH	3,6	> 16.2 dB	+15.1 dB
Power Sum NEXT	OK	40.3 dB @ 249.0 MHz	DH	3,6	> 32.3 dB	+8.0 dB

**OK**

ID cavo 1: 0118  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:20:31  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	21.2 dB @ 246.0 MHz		5,4	< 30.9 dB	+9.7 dB
Lunghezza	OK	63.2 m		1,2	< 90.0 m	+26.8 m
NEXT	OK	41.7 dB @ 246.0 MHz	DH	7,8-3,6	> 35.4 dB	+6.3 dB
Resistenza DC	OK	15.0 Ohm		5,4	< 20.0 Ohm	+5.0 Ohm
Impedenza	OK	97.0 Ohm		5,4	85.0 - 115.0 Ohm	+12.0 Ohm
Ritardo di propag.	OK	325.4 ns		5,4	510.0 ns	+184.6 ns
Diff. t. ritardo	OK	17.7 ns		5,4	< 43.0 ns	+25.3 ns
Capacità	OK	48.70 pF/m		5,4	< 66.00 pF/m	+17.3 pF/m
Return Loss	OK	16.3 dB @ 174.0 MHz	DH	7,8	> 11.6 dB	+4.7 dB
ACR	OK	21.7 dB @ 246.0 MHz	DH	3,6	>= 4.5 dB	+17.2 dB
ELFEXT	OK	32.4 dB @ 173.0 MHz	RH	3,6-7,8	> 19.4 dB	+13.0 dB
Riserva	OK	10.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.1 dB @ 246.0 MHz	DH	3,6	> 1.5 dB	+19.6 dB
Power Sum ELFEXT	OK	30.1 dB @ 181.5 MHz	RH	3,6	> 16.0 dB	+14.1 dB
Power Sum NEXT	OK	41.1 dB @ 246.0 MHz	DH	3,6	> 32.4 dB	+8.7 dB

**OK**

ID cavo 1: 0119  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:21:44  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.8 dB @ 242.5 MHz		3,6	< 30.6 dB	+9.8 dB
Lunghezza	OK	64.3 m		1,2	< 90.0 m	+25.7 m
NEXT	OK	41.7 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+6.2 dB
Resistenza DC	OK	14.7 Ohm		5,4	< 20.0 Ohm	+5.3 Ohm
Impedenza	OK	97.0 Ohm		5,4	85.0 - 115.0 Ohm	+12.0 Ohm
Ritardo di propag.	OK	331.0 ns		5,4	510.0 ns	+179.0 ns
Diff. t. ritardo	OK	18.2 ns		5,4	< 43.0 ns	+24.8 ns
Capacità	OK	48.70 pF/m		5,4	< 66.00 pF/m	+17.3 pF/m
Return Loss	OK	15.1 dB @ 223.0 MHz	DH	7,8	> 10.5 dB	+4.6 dB
ACR	OK	20.9 dB @ 242.5 MHz	DH	3,6	>= 4.9 dB	+16.0 dB
ELFEXT	OK	34.8 dB @ 169.0 MHz	RH	3,6-7,8	> 19.6 dB	+15.2 dB
Riserva	OK	9.2 dB		N/A	N/A	N/A
Power Sum ACR	OK	19.6 dB @ 242.5 MHz	DH	3,6	> 1.9 dB	+17.7 dB
Power Sum ELFEXT	OK	32.3 dB @ 169.0 MHz	RH	3,6	> 16.6 dB	+15.7 dB
Power Sum NEXT	OK	40.3 dB @ 243.0 MHz	DH	3,6	> 32.5 dB	+7.8 dB



# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0120  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:22:54  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	21.0 dB @ 249.0 MHz		3,6	< 31.1 dB	+10.1 dB
Lunghezza	OK	65.8 m		1,2	< 90.0 m	+24.2 m
NEXT	OK	41.0 dB @ 244.5 MHz	DH	7,8-3,6	> 35.5 dB	+5.5 dB
Resistenza DC	OK	14.1 Ohm		5,4	< 20.0 Ohm	+5.9 Ohm
Impedenza	OK	101.2 Ohm		1,2	85.0 - 115.0 Ohm	+13.8 Ohm
Ritardo di propag.	OK	334.1 ns		5,4	510.0 ns	+175.9 ns
Diff. t. ritardo	OK	14.4 ns		5,4	< 43.0 ns	+28.6 ns
Capacità	OK	47.30 pF/m		5,4	< 66.00 pF/m	+18.7 pF/m
Return Loss	OK	16.4 dB @ 217.0 MHz	RH	7,8	> 10.6 dB	+5.8 dB
ACR	OK	20.5 dB @ 243.5 MHz	DH	3,6	>= 4.8 dB	+15.7 dB
ELFEXT	OK	33.3 dB @ 185.0 MHz	DH	3,6-5,4	> 18.8 dB	+14.5 dB
Riserva	OK	10.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.0 dB @ 243.5 MHz	DH	3,6	> 1.8 dB	+18.2 dB
Power Sum ELFEXT	OK	29.6 dB @ 249.0 MHz	DH	3,6	> 13.2 dB	+16.4 dB
Power Sum NEXT	OK	40.6 dB @ 244.5 MHz	DH	3,6	> 32.5 dB	+8.1 dB

**OK**

ID cavo 1: 0121  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:24:01  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	22.5 dB @ 245.5 MHz		5,4	< 30.8 dB	+8.3 dB
Lunghezza	OK	68.5 m		1,2	< 90.0 m	+21.5 m
NEXT	OK	41.7 dB @ 246.0 MHz	DH	7,8-3,6	> 35.4 dB	+6.3 dB
Resistenza DC	OK	14.7 Ohm		5,4	< 20.0 Ohm	+5.3 Ohm
Impedenza	OK	97.3 Ohm		5,4	85.0 - 115.0 Ohm	+12.3 Ohm
Ritardo di propag.	OK	351.5 ns		5,4	510.0 ns	+158.5 ns
Diff. t. ritardo	OK	19.3 ns		5,4	< 43.0 ns	+23.7 ns
Capacità	OK	48.50 pF/m		5,4	< 66.00 pF/m	+17.5 pF/m
Return Loss	OK	15.2 dB @ 168.0 MHz	RH	7,8	> 11.7 dB	+3.5 dB
ACR	OK	20.1 dB @ 246.0 MHz	DH	3,6	>= 4.5 dB	+15.6 dB
ELFEXT	OK	35.9 dB @ 166.0 MHz	RH	3,6-7,8	> 19.8 dB	+16.1 dB
Riserva	OK	9.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	18.6 dB @ 246.0 MHz	DH	3,6	> 1.5 dB	+17.1 dB
Power Sum ELFEXT	OK	33.3 dB @ 172.0 MHz	RH	3,6	> 16.4 dB	+16.9 dB
Power Sum NEXT	OK	40.2 dB @ 246.0 MHz	DH	3,6	> 32.4 dB	+7.8 dB

**OK**

ID cavo 1: 0122  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:25:27  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	24.8 dB @ 249.0 MHz		3,6	< 31.1 dB	+6.3 dB
Lunghezza	OK	76.9 m		1,2	< 90.0 m	+13.1 m
NEXT	OK	42.4 dB @ 246.0 MHz	DH	7,8-3,6	> 35.4 dB	+7.0 dB
Resistenza DC	OK	16.6 Ohm		5,4	< 20.0 Ohm	+3.4 Ohm
Impedenza	OK	102.2 Ohm		1,2	85.0 - 115.0 Ohm	+12.8 Ohm
Ritardo di propag.	OK	390.7 ns		5,4	510.0 ns	+119.3 ns
Diff. t. ritardo	OK	19.3 ns		5,4	< 43.0 ns	+23.7 ns
Capacità	OK	47.60 pF/m		5,4	< 66.00 pF/m	+18.4 pF/m
Return Loss	OK	15.6 dB @ 227.0 MHz	DH	7,8	> 10.4 dB	+5.2 dB
ACR	OK	17.8 dB @ 249.0 MHz	DH	3,6	>= 4.2 dB	+13.6 dB
ELFEXT	OK	28.1 dB @ 241.0 MHz	RH	3,6-7,8	> 16.5 dB	+11.6 dB
Riserva	OK	10.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	17.1 dB @ 249.0 MHz	DH	3,6	> 1.2 dB	+15.9 dB
Power Sum ELFEXT	OK	26.1 dB @ 249.0 MHz	DH	3,6	> 13.2 dB	+12.9 dB
Power Sum NEXT	OK	41.3 dB @ 246.0 MHz	DH	3,6	> 32.4 dB	+8.9 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0123  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:26:30  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	24.4 dB @ 250.0 MHz		3,6	< 31.2 dB	+6.8 dB
Lunghezza	OK	76.7 m		1,2	< 90.0 m	+13.3 m
NEXT	OK	41.5 dB @ 243.0 MHz	DH	7,8-3,6	> 35.5 dB	+6.0 dB
Resistenza DC	OK	16.4 Ohm		5,4	< 20.0 Ohm	+3.6 Ohm
Impedenza	OK	102.4 Ohm		1,2	85.0 - 115.0 Ohm	+12.6 Ohm
Ritardo di propag.	OK	389.9 ns		5,4	510.0 ns	+120.1 ns
Diff. t. ritardo	OK	19.7 ns		5,4	< 43.0 ns	+23.3 ns
Capacità	OK	47.70 pF/m		5,4	< 66.00 pF/m	+18.3 pF/m
Return Loss	OK	14.7 dB @ 225.0 MHz	DH	7,8	> 10.5 dB	+4.2 dB
ACR	OK	17.3 dB @ 243.0 MHz	DH	3,6	>= 4.9 dB	+12.4 dB
ELFEXT	OK	29.7 dB @ 236.0 MHz	RH	3,6-7,8	> 16.7 dB	+13.0 dB
Riserva	OK	9.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	16.0 dB @ 243.0 MHz	DH	3,6	> 1.9 dB	+14.1 dB
Power Sum ELFEXT	OK	28.1 dB @ 236.0 MHz	RH	3,6	> 13.7 dB	+14.4 dB
Power Sum NEXT	OK	40.2 dB @ 243.0 MHz	DH	3,6	> 32.5 dB	+7.7 dB

**OK**

ID cavo 1: 0124  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:28:18  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	22.8 dB @ 243.0 MHz		3,6	< 30.6 dB	+7.8 dB
Lunghezza	OK	70.0 m		1,2	< 90.0 m	+20.0 m
NEXT	OK	42.0 dB @ 242.5 MHz	DH	7,8-3,6	> 35.5 dB	+6.5 dB
Resistenza DC	OK	14.4 Ohm		5,4	< 20.0 Ohm	+5.6 Ohm
Impedenza	OK	101.1 Ohm		1,2	85.0 - 115.0 Ohm	+13.9 Ohm
Ritardo di propag.	OK	354.8 ns		5,4	510.0 ns	+155.2 ns
Diff. t. ritardo	OK	15.4 ns		5,4	< 43.0 ns	+27.6 ns
Capacità	OK	47.40 pF/m		3,6	< 66.00 pF/m	+18.6 pF/m
Return Loss	OK	14.0 dB @ 223.0 MHz	RH	3,6	> 10.5 dB	+3.5 dB
ACR	OK	19.4 dB @ 243.0 MHz	DH	3,6	>= 4.9 dB	+14.5 dB
ELFEXT	OK	32.5 dB @ 217.0 MHz	DH	7,8-5,4	> 17.4 dB	+15.1 dB
Riserva	OK	10.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	18.9 dB @ 243.0 MHz	DH	3,6	> 1.9 dB	+17.0 dB
Power Sum ELFEXT	OK	28.9 dB @ 249.0 MHz	DH	7,8	> 13.2 dB	+15.7 dB
Power Sum NEXT	OK	40.3 dB @ 245.0 MHz	RH	7,8	> 32.5 dB	+7.8 dB

**OK**

ID cavo 1: 0125  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:29:43  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	24.0 dB @ 248.5 MHz		5,4	< 31.0 dB	+7.0 dB
Lunghezza	OK	73.7 m		1,2	< 90.0 m	+16.3 m
NEXT	OK	41.9 dB @ 240.5 MHz	DH	7,8-3,6	> 35.6 dB	+6.3 dB
Resistenza DC	OK	15.3 Ohm		5,4	< 20.0 Ohm	+4.7 Ohm
Impedenza	OK	102.6 Ohm		1,2	85.0 - 115.0 Ohm	+12.4 Ohm
Ritardo di propag.	OK	377.7 ns		5,4	510.0 ns	+132.3 ns
Diff. t. ritardo	OK	21.4 ns		5,4	< 43.0 ns	+21.6 ns
Capacità	OK	48.40 pF/m		5,4	< 66.00 pF/m	+17.6 pF/m
Return Loss	OK	15.2 dB @ 233.5 MHz	RH	7,8	> 10.3 dB	+4.9 dB
ACR	OK	18.7 dB @ 241.5 MHz	DH	3,6	>= 5.1 dB	+13.6 dB
ELFEXT	OK	29.5 dB @ 249.5 MHz	DH	7,8-3,6	> 16.2 dB	+13.3 dB
Riserva	OK	9.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	16.6 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+14.5 dB
Power Sum ELFEXT	OK	28.5 dB @ 249.5 MHz	DH	3,6	> 13.2 dB	+15.3 dB
Power Sum NEXT	OK	40.0 dB @ 241.5 MHz	DH	3,6	> 32.6 dB	+7.4 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0126  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:30:44  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	23.7 dB @ 248.5 MHz		3,6	< 31.0 dB	+7.3 dB
Lunghezza	OK	74.1 m		1,2	< 90.0 m	+15.9 m
NEXT	OK	42.5 dB @ 239.5 MHz	DH	7,8-3,6	> 35.6 dB	+6.9 dB
Resistenza DC	OK	15.2 Ohm		5,4	< 20.0 Ohm	+4.8 Ohm
Impedenza	OK	102.1 Ohm		1,2	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	376.9 ns		5,4	510.0 ns	+133.1 ns
Diff. t. ritardo	OK	18.8 ns		5,4	< 43.0 ns	+24.2 ns
Capacità	OK	47.50 pF/m		5,4	< 66.00 pF/m	+18.5 pF/m
Return Loss	OK	14.8 dB @ 231.0 MHz	RH	7,8	> 10.4 dB	+4.4 dB
ACR	OK	19.0 dB @ 239.5 MHz	DH	3,6	>= 5.2 dB	+13.8 dB
ELFEXT	OK	30.4 dB @ 248.5 MHz	DH	7,8-3,6	> 16.3 dB	+14.1 dB
Riserva	OK	10.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	18.1 dB @ 239.5 MHz	DH	3,6	> 2.2 dB	+15.9 dB
Power Sum ELFEXT	OK	28.2 dB @ 241.0 MHz	DH	3,6	> 13.5 dB	+14.7 dB
Power Sum NEXT	OK	41.2 dB @ 232.5 MHz	DH	3,6	> 32.8 dB	+8.4 dB

**OK**

ID cavo 1: 0127  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:32:26  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	25.9 dB @ 248.5 MHz		3,6	< 31.0 dB	+5.1 dB
Lunghezza	OK	79.7 m		1,2	< 90.0 m	+10.3 m
NEXT	OK	41.6 dB @ 243.5 MHz	DH	7,8-3,6	> 35.5 dB	+6.1 dB
Resistenza DC	OK	17.0 Ohm		5,4	< 20.0 Ohm	+3.0 Ohm
Impedenza	OK	102.4 Ohm		1,2	85.0 - 115.0 Ohm	+12.6 Ohm
Ritardo di propag.	OK	404.8 ns		5,4	510.0 ns	+105.2 ns
Diff. t. ritardo	OK	20.7 ns		5,4	< 43.0 ns	+22.3 ns
Capacità	OK	47.40 pF/m		5,4	< 66.00 pF/m	+18.6 pF/m
Return Loss	OK	14.8 dB @ 219.0 MHz	RH	7,8	> 10.6 dB	+4.2 dB
ACR	OK	16.7 dB @ 243.5 MHz	DH	3,6	>= 4.8 dB	+11.9 dB
ELFEXT	OK	28.7 dB @ 248.5 MHz	RH	3,6-5,4	> 16.3 dB	+12.4 dB
Riserva	OK	10.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	15.9 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+14.8 dB
Power Sum ELFEXT	OK	26.2 dB @ 248.5 MHz	RH	3,6	> 13.3 dB	+12.9 dB
Power Sum NEXT	OK	41.1 dB @ 243.5 MHz	DH	3,6	> 32.5 dB	+8.6 dB

**OK**

ID cavo 1: 0128  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:33:25  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	25.9 dB @ 246.0 MHz		5,4	< 30.9 dB	+5.0 dB
Lunghezza	OK	79.5 m		1,2	< 90.0 m	+10.5 m
NEXT	OK	41.9 dB @ 237.0 MHz	DH	7,8-3,6	> 35.7 dB	+6.2 dB
Resistenza DC	OK	17.2 Ohm		5,4	< 20.0 Ohm	+2.8 Ohm
Impedenza	OK	102.8 Ohm		1,2	85.0 - 115.0 Ohm	+12.2 Ohm
Ritardo di propag.	OK	406.8 ns		5,4	510.0 ns	+103.2 ns
Diff. t. ritardo	OK	23.5 ns		5,4	< 43.0 ns	+19.5 ns
Capacità	OK	48.30 pF/m		5,4	< 66.00 pF/m	+17.7 pF/m
Return Loss	OK	15.2 dB @ 219.0 MHz	RH	7,8	> 10.6 dB	+4.6 dB
ACR	OK	17.6 dB @ 240.5 MHz	DH	3,6	>= 5.2 dB	+12.4 dB
ELFEXT	OK	32.2 dB @ 230.0 MHz	RH	3,6-7,8	> 16.9 dB	+15.3 dB
Riserva	OK	10.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	16.0 dB @ 248.5 MHz	DH	3,6	> 1.4 dB	+14.6 dB
Power Sum ELFEXT	OK	30.1 dB @ 232.5 MHz	RH	3,6	> 13.8 dB	+16.3 dB
Power Sum NEXT	OK	40.9 dB @ 237.0 MHz	DH	3,6	> 32.7 dB	+8.2 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0129  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:34:43  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	20.2 dB @ 242.5 MHz		5,4	< 30.6 dB	+10.4 dB
Lunghezza	OK	62.8 m		1,2	< 90.0 m	+27.2 m
NEXT	OK	41.8 dB @ 238.5 MHz	DH	7,8-3,6	> 35.7 dB	+6.1 dB
Resistenza DC	OK	13.2 Ohm		5,4	< 20.0 Ohm	+6.8 Ohm
Impedenza	OK	102.0 Ohm		1,2	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	321.5 ns		5,4	510.0 ns	+188.5 ns
Diff. t. ritardo	OK	15.5 ns		5,4	< 43.0 ns	+27.5 ns
Capacità	OK	47.70 pF/m		5,4	< 66.00 pF/m	+18.3 pF/m
Return Loss	OK	15.6 dB @ 221.5 MHz	RH	7,8	> 10.5 dB	+5.1 dB
ACR	OK	21.9 dB @ 249.5 MHz	DH	3,6	>= 4.2 dB	+17.7 dB
ELFEXT	OK	34.4 dB @ 189.0 MHz	RH	5,4-3,6	> 18.6 dB	+15.8 dB
Riserva	OK	9.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.6 dB @ 246.0 MHz	DH	3,6	> 1.5 dB	+19.1 dB
Power Sum ELFEXT	OK	33.6 dB @ 183.0 MHz	RH	3,6	> 15.9 dB	+17.7 dB
Power Sum NEXT	OK	40.6 dB @ 245.5 MHz	DH	3,6	> 32.4 dB	+8.2 dB

**OK**

ID cavo 1: 0130  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:35:44  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	21.0 dB @ 243.5 MHz		5,4	< 30.7 dB	+9.7 dB
Lunghezza	OK	62.9 m		1,2	< 90.0 m	+27.1 m
NEXT	OK	40.8 dB @ 247.5 MHz	DH	7,8-3,6	> 35.4 dB	+5.4 dB
Resistenza DC	OK	13.4 Ohm		5,4	< 20.0 Ohm	+6.6 Ohm
Impedenza	OK	96.9 Ohm		5,4	85.0 - 115.0 Ohm	+11.9 Ohm
Ritardo di propag.	OK	324.4 ns		5,4	510.0 ns	+185.6 ns
Diff. t. ritardo	OK	17.9 ns		5,4	< 43.0 ns	+25.1 ns
Capacità	OK	48.70 pF/m		5,4	< 66.00 pF/m	+17.3 pF/m
Return Loss	OK	15.1 dB @ 226.0 MHz	RH	7,8	> 10.4 dB	+4.7 dB
ACR	OK	22.5 dB @ 230.5 MHz	RH	5,4	>= 6.2 dB	+16.3 dB
ELFEXT	OK	39.7 dB @ 115.5 MHz	RH	3,6-1,2	> 22.9 dB	+16.8 dB
Riserva	OK	9.2 dB		N/A	N/A	N/A
Power Sum ACR	OK	20.9 dB @ 230.0 MHz	RH	7,8	> 3.2 dB	+17.7 dB
Power Sum ELFEXT	OK	35.2 dB @ 177.5 MHz	RH	3,6	> 16.2 dB	+19.0 dB
Power Sum NEXT	OK	39.8 dB @ 246.5 MHz	DH	3,6	> 32.4 dB	+7.4 dB

**OK**

ID cavo 1: 0131  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:37:04  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	19.9 dB @ 246.5 MHz		5,4	< 30.9 dB	+11.0 dB
Lunghezza	OK	60.4 m		1,2	< 90.0 m	+29.6 m
NEXT	OK	41.4 dB @ 244.5 MHz	DH	7,8-3,6	> 35.5 dB	+5.9 dB
Resistenza DC	OK	12.9 Ohm		5,4	< 20.0 Ohm	+7.1 Ohm
Impedenza	OK	101.8 Ohm		1,2	85.0 - 115.0 Ohm	+13.2 Ohm
Ritardo di propag.	OK	309.3 ns		5,4	510.0 ns	+200.7 ns
Diff. t. ritardo	OK	14.5 ns		5,4	< 43.0 ns	+28.5 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	15.0 dB @ 227.0 MHz	RH	7,8	> 10.4 dB	+4.6 dB
ACR	OK	22.0 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+17.2 dB
ELFEXT	OK	32.9 dB @ 179.5 MHz	RH	3,6-7,8	> 19.1 dB	+13.8 dB
Riserva	OK	9.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.0 dB @ 244.5 MHz	DH	3,6	> 1.8 dB	+19.2 dB
Power Sum ELFEXT	OK	31.2 dB @ 186.0 MHz	RH	3,6	> 15.8 dB	+15.4 dB
Power Sum NEXT	OK	40.4 dB @ 244.5 MHz	DH	3,6	> 32.5 dB	+7.9 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0132  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:38:07  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	19.8 dB @ 241.0 MHz		3,6	< 30.5 dB	+10.7 dB
Lunghezza	OK	60.4 m		1,2	< 90.0 m	+29.6 m
NEXT	OK	41.4 dB @ 238.0 MHz	DH	7,8-3,6	> 35.7 dB	+5.7 dB
Resistenza DC	OK	12.9 Ohm		5,4	< 20.0 Ohm	+7.1 Ohm
Impedenza	OK	102.4 Ohm		1,2	85.0 - 115.0 Ohm	+12.6 Ohm
Ritardo di propag.	OK	309.9 ns		5,4	510.0 ns	+200.1 ns
Diff. t. ritardo	OK	15.1 ns		5,4	< 43.0 ns	+27.9 ns
Capacità	OK	47.60 pF/m		5,4	< 66.00 pF/m	+18.4 pF/m
Return Loss	OK	15.6 dB @ 219.5 MHz	RH	7,8	> 10.6 dB	+5.0 dB
ACR	OK	22.0 dB @ 238.0 MHz	DH	3,6	>= 5.4 dB	+16.6 dB
ELFEXT	OK	35.0 dB @ 176.0 MHz	RH	5,4-3,6	> 19.2 dB	+15.8 dB
Riserva	OK	9.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	21.2 dB @ 238.0 MHz	DH	3,6	> 2.4 dB	+18.8 dB
Power Sum ELFEXT	OK	31.7 dB @ 179.0 MHz	DH	3,6	> 16.1 dB	+15.6 dB
Power Sum NEXT	OK	40.6 dB @ 238.0 MHz	DH	3,6	> 32.7 dB	+7.9 dB

**OK**

ID cavo 1: 0133  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:39:25  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.7 dB @ 225.5 MHz		3,6	< 29.3 dB	+17.6 dB
Lunghezza	OK	35.7 m		7,8	< 90.0 m	+54.3 m
NEXT	OK	40.9 dB @ 239.0 MHz	DH	7,8-3,6	> 35.6 dB	+5.3 dB
Resistenza DC	OK	8.9 Ohm		5,4	< 20.0 Ohm	+11.1 Ohm
Impedenza	OK	102.1 Ohm		1,2	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	188.8 ns		5,4	510.0 ns	+321.2 ns
Diff. t. ritardo	OK	8.6 ns		5,4	< 43.0 ns	+34.4 ns
Capacità	OK	47.70 pF/m		5,4	< 66.00 pF/m	+18.3 pF/m
Return Loss	OK	15.1 dB @ 223.0 MHz	RH	3,6	> 10.5 dB	+4.6 dB
ACR	OK	29.6 dB @ 247.5 MHz	DH	3,6	>= 4.4 dB	+25.2 dB
ELFEXT	OK	31.6 dB @ 233.5 MHz	RH	3,6-7,8	> 16.8 dB	+14.8 dB
Riserva	OK	9.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.8 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+27.7 dB
Power Sum ELFEXT	OK	29.2 dB @ 247.5 MHz	RH	3,6	> 13.3 dB	+15.9 dB
Power Sum NEXT	OK	40.1 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+7.8 dB

**OK**

ID cavo 1: 0134  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:40:26  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.7 dB @ 235.5 MHz		7,8	< 30.1 dB	+18.4 dB
Lunghezza	OK	35.6 m		7,8	< 90.0 m	+54.4 m
NEXT	OK	42.0 dB @ 236.0 MHz	DH	7,8-3,6	> 35.7 dB	+6.3 dB
Resistenza DC	OK	8.9 Ohm		5,4	< 20.0 Ohm	+11.1 Ohm
Impedenza	OK	97.0 Ohm		5,4	85.0 - 115.0 Ohm	+12.0 Ohm
Ritardo di propag.	OK	188.8 ns		5,4	510.0 ns	+321.2 ns
Diff. t. ritardo	OK	8.8 ns		5,4	< 43.0 ns	+34.2 ns
Capacità	OK	48.70 pF/m		5,4	< 66.00 pF/m	+17.3 pF/m
Return Loss	OK	14.8 dB @ 219.0 MHz	RH	7,8	> 10.6 dB	+4.2 dB
ACR	OK	30.3 dB @ 236.0 MHz	DH	3,6	>= 5.6 dB	+24.7 dB
ELFEXT	OK	31.2 dB @ 246.5 MHz	DH	3,6-5,4	> 16.3 dB	+14.9 dB
Riserva	OK	7.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.5 dB @ 238.5 MHz	DH	3,6	> 2.4 dB	+26.1 dB
Power Sum ELFEXT	OK	29.5 dB @ 248.0 MHz	RH	3,6	> 13.3 dB	+16.2 dB
Power Sum NEXT	OK	40.4 dB @ 238.5 MHz	DH	3,6	> 32.7 dB	+7.7 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0135  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:41:33  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.2 dB @ 225.5 MHz		1,2	< 29.3 dB	+18.1 dB
Lunghezza	OK	35.6 m		7,8	< 90.0 m	+54.4 m
NEXT	OK	42.1 dB @ 246.0 MHz	DH	7,8-3,6	> 35.4 dB	+6.7 dB
Resistenza DC	OK	8.9 Ohm		5,4	< 20.0 Ohm	+11.1 Ohm
Impedenza	OK	98.3 Ohm		5,4	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	188.1 ns		5,4	510.0 ns	+321.9 ns
Diff. t. ritardo	OK	8.3 ns		5,4	< 43.0 ns	+34.7 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	15.7 dB @ 223.5 MHz	DH	3,6	> 10.5 dB	+5.2 dB
ACR	OK	30.5 dB @ 246.0 MHz	DH	3,6	>= 4.5 dB	+26.0 dB
ELFEXT	OK	31.9 dB @ 233.5 MHz	RH	3,6-7,8	> 16.8 dB	+15.1 dB
Riserva	OK	9.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.3 dB @ 242.5 MHz	DH	3,6	> 1.9 dB	+27.4 dB
Power Sum ELFEXT	OK	29.0 dB @ 246.0 MHz	RH	3,6	> 13.3 dB	+15.7 dB
Power Sum NEXT	OK	40.8 dB @ 242.5 MHz	DH	3,6	> 32.5 dB	+8.3 dB

**OK**

ID cavo 1: 0136  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:42:35  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.6 dB @ 233.5 MHz		7,8	< 29.9 dB	+18.3 dB
Lunghezza	OK	35.7 m		7,8	< 90.0 m	+54.3 m
NEXT	OK	42.2 dB @ 230.0 MHz	DH	7,8-3,6	> 35.9 dB	+6.3 dB
Resistenza DC	OK	8.9 Ohm		5,4	< 20.0 Ohm	+11.1 Ohm
Impedenza	OK	98.2 Ohm		5,4	85.0 - 115.0 Ohm	+13.2 Ohm
Ritardo di propag.	OK	188.9 ns		5,4	510.0 ns	+321.1 ns
Diff. t. ritardo	OK	8.5 ns		5,4	< 43.0 ns	+34.5 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	15.2 dB @ 212.5 MHz	RH	7,8	> 10.7 dB	+4.5 dB
ACR	OK	31.2 dB @ 230.0 MHz	DH	7,8	>= 6.2 dB	+25.0 dB
ELFEXT	OK	31.3 dB @ 232.0 MHz	RH	3,6-7,8	> 16.9 dB	+14.4 dB
Riserva	OK	9.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.5 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+27.4 dB
Power Sum ELFEXT	OK	28.6 dB @ 232.0 MHz	RH	3,6	> 13.9 dB	+14.7 dB
Power Sum NEXT	OK	41.2 dB @ 244.0 MHz	DH	3,6	> 32.5 dB	+8.7 dB

**OK**

ID cavo 1: 0137  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:43:57  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.2 dB @ 242.0 MHz		7,8	< 30.6 dB	+16.4 dB
Lunghezza	OK	39.4 m		7,8	< 90.0 m	+50.6 m
NEXT	OK	41.8 dB @ 233.0 MHz	DH	7,8-3,6	> 35.8 dB	+6.0 dB
Resistenza DC	OK	9.5 Ohm		5,4	< 20.0 Ohm	+10.5 Ohm
Impedenza	OK	101.9 Ohm		1,2	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	206.8 ns		5,4	510.0 ns	+303.2 ns
Diff. t. ritardo	OK	9.4 ns		5,4	< 43.0 ns	+33.6 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	15.2 dB @ 220.5 MHz	RH	7,8	> 10.6 dB	+4.6 dB
ACR	OK	29.1 dB @ 235.5 MHz	DH	3,6	>= 5.6 dB	+23.5 dB
ELFEXT	OK	30.3 dB @ 249.5 MHz	DH	5,4-3,6	> 16.2 dB	+14.1 dB
Riserva	OK	7.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	26.3 dB @ 243.5 MHz	DH	3,6	> 1.8 dB	+24.5 dB
Power Sum ELFEXT	OK	29.3 dB @ 249.5 MHz	RH	3,6	> 13.2 dB	+16.1 dB
Power Sum NEXT	OK	39.4 dB @ 243.5 MHz	DH	3,6	> 32.5 dB	+6.9 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0138  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:45:50  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.3 dB @ 236.0 MHz		5,4	< 30.1 dB	+16.8 dB
Lunghezza	OK	39.4 m		7,8	< 90.0 m	+50.6 m
NEXT	OK	41.0 dB @ 246.5 MHz	DH	7,8-3,6	> 35.4 dB	+5.6 dB
Resistenza DC	OK	9.4 Ohm		5,4	< 20.0 Ohm	+10.6 Ohm
Impedenza	OK	102.1 Ohm		1,2	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	207.0 ns		5,4	510.0 ns	+303.0 ns
Diff. t. ritardo	OK	9.3 ns		5,4	< 43.0 ns	+33.7 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	16.1 dB @ 163.0 MHz	RH	7,8	> 11.9 dB	+4.2 dB
ACR	OK	28.2 dB @ 246.0 MHz	DH	3,6	>= 4.5 dB	+23.7 dB
ELFEXT	OK	31.3 dB @ 229.5 MHz	RH	3,6-7,8	> 16.9 dB	+14.4 dB
Riserva	OK	8.2 dB		N/A	N/A	N/A
Power Sum ACR	OK	27.0 dB @ 246.0 MHz	DH	3,6	> 1.5 dB	+25.5 dB
Power Sum ELFEXT	OK	28.7 dB @ 242.0 MHz	RH	3,6	> 13.5 dB	+15.2 dB
Power Sum NEXT	OK	39.9 dB @ 246.5 MHz	DH	3,6	> 32.4 dB	+7.5 dB

**OK**

ID cavo 1: 0139  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:47:25  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.6 dB @ 227.0 MHz		5,4	< 29.5 dB	+15.9 dB
Lunghezza	OK	39.3 m		7,8	< 90.0 m	+50.7 m
NEXT	OK	41.6 dB @ 247.5 MHz	DH	7,8-3,6	> 35.4 dB	+6.2 dB
Resistenza DC	OK	10.3 Ohm		5,4	< 20.0 Ohm	+9.7 Ohm
Impedenza	OK	101.9 Ohm		1,2	85.0 - 115.0 Ohm	+13.1 Ohm
Ritardo di propag.	OK	206.0 ns		5,4	510.0 ns	+304.0 ns
Diff. t. ritardo	OK	9.0 ns		5,4	< 43.0 ns	+34.0 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	17.0 dB @ 108.5 MHz	RH	1,2	> 13.6 dB	+3.4 dB
ACR	OK	29.1 dB @ 236.5 MHz	DH	7,8	>= 5.5 dB	+23.6 dB
ELFEXT	OK	30.1 dB @ 248.5 MHz	DH	3,6-5,4	> 16.3 dB	+13.8 dB
Riserva	OK	8.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.0 dB @ 236.5 MHz	DH	7,8	> 2.5 dB	+25.5 dB
Power Sum ELFEXT	OK	27.6 dB @ 249.0 MHz	RH	3,6	> 13.2 dB	+14.4 dB
Power Sum NEXT	OK	40.0 dB @ 247.5 MHz	DH	3,6	> 32.4 dB	+7.6 dB

**OK**

ID cavo 1: 0140  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:48:35  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.1 dB @ 232.5 MHz		3,6	< 29.9 dB	+15.8 dB
Lunghezza	OK	39.3 m		7,8	< 90.0 m	+50.7 m
NEXT	OK	42.6 dB @ 238.5 MHz	DH	7,8-3,6	> 35.7 dB	+6.9 dB
Resistenza DC	OK	9.8 Ohm		5,4	< 20.0 Ohm	+10.2 Ohm
Impedenza	OK	101.8 Ohm		1,2	85.0 - 115.0 Ohm	+13.2 Ohm
Ritardo di propag.	OK	206.3 ns		5,4	510.0 ns	+303.7 ns
Diff. t. ritardo	OK	9.0 ns		5,4	< 43.0 ns	+34.0 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	15.6 dB @ 226.0 MHz	DH	7,8	> 10.4 dB	+5.2 dB
ACR	OK	29.2 dB @ 232.5 MHz	DH	3,6	>= 5.9 dB	+23.3 dB
ELFEXT	OK	32.2 dB @ 232.5 MHz	RH	3,6-7,8	> 16.8 dB	+15.4 dB
Riserva	OK	8.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	27.9 dB @ 244.5 MHz	DH	3,6	> 1.8 dB	+26.1 dB
Power Sum ELFEXT	OK	29.5 dB @ 232.5 MHz	RH	3,6	> 13.8 dB	+15.7 dB
Power Sum NEXT	OK	40.8 dB @ 244.5 MHz	DH	3,6	> 32.5 dB	+8.3 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0141  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:49:52  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.1 dB @ 236.5 MHz		5,4	< 30.2 dB	+17.1 dB
Lunghezza	OK	39.5 m		7,8	< 90.0 m	+50.5 m
NEXT	OK	41.8 dB @ 237.0 MHz	DH	7,8-3,6	> 35.7 dB	+6.1 dB
Resistenza DC	OK	10.0 Ohm		5,4	< 20.0 Ohm	+10.0 Ohm
Impedenza	OK	102.4 Ohm		1,2	85.0 - 115.0 Ohm	+12.6 Ohm
Ritardo di propag.	OK	207.4 ns		5,4	510.0 ns	+302.6 ns
Diff. t. ritardo	OK	9.3 ns		5,4	< 43.0 ns	+33.7 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	15.6 dB @ 225.0 MHz	RH	3,6	> 10.5 dB	+5.1 dB
ACR	OK	29.3 dB @ 243.0 MHz	DH	3,6	>= 4.9 dB	+24.4 dB
ELFEXT	OK	30.1 dB @ 247.0 MHz	RH	5,4-3,6	> 16.3 dB	+13.8 dB
Riserva	OK	9.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.4 dB @ 243.0 MHz	DH	3,6	> 1.9 dB	+26.5 dB
Power Sum ELFEXT	OK	27.9 dB @ 243.0 MHz	RH	3,6	> 13.5 dB	+14.4 dB
Power Sum NEXT	OK	40.9 dB @ 237.0 MHz	DH	3,6	> 32.7 dB	+8.2 dB

**OK**

ID cavo 1: 0142  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:51:44  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	13.3 dB @ 246.5 MHz		5,4	< 30.9 dB	+17.6 dB
Lunghezza	OK	39.6 m		7,8	< 90.0 m	+50.4 m
NEXT	OK	41.1 dB @ 236.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.4 dB
Resistenza DC	OK	9.5 Ohm		5,4	< 20.0 Ohm	+10.5 Ohm
Impedenza	OK	96.4 Ohm		5,4	85.0 - 115.0 Ohm	+11.4 Ohm
Ritardo di propag.	OK	208.3 ns		5,4	510.0 ns	+301.7 ns
Diff. t. ritardo	OK	9.9 ns		5,4	< 43.0 ns	+33.1 ns
Capacità	OK	49.00 pF/m		5,4	< 66.00 pF/m	+17.0 pF/m
Return Loss	OK	15.5 dB @ 229.5 MHz	DH	3,6	> 10.4 dB	+5.1 dB
ACR	OK	28.6 dB @ 236.5 MHz	DH	3,6	>= 5.5 dB	+23.1 dB
ELFEXT	OK	32.1 dB @ 233.0 MHz	RH	3,6-7,8	> 16.8 dB	+15.3 dB
Riserva	OK	10.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.3 dB @ 236.5 MHz	DH	3,6	> 2.5 dB	+25.8 dB
Power Sum ELFEXT	OK	30.7 dB @ 233.0 MHz	RH	3,6	> 13.8 dB	+16.9 dB
Power Sum NEXT	OK	40.7 dB @ 236.5 MHz	DH	7,8	> 32.7 dB	+8.0 dB

**OK**

ID cavo 1: 0143  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:52:47  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	12.5 dB @ 225.0 MHz		1,2	< 29.3 dB	+16.8 dB
Lunghezza	OK	39.4 m		7,8	< 90.0 m	+50.6 m
NEXT	OK	42.4 dB @ 250.0 MHz	DH	7,8-3,6	> 35.3 dB	+7.1 dB
Resistenza DC	OK	10.0 Ohm		5,4	< 20.0 Ohm	+10.0 Ohm
Impedenza	OK	96.4 Ohm		5,4	85.0 - 115.0 Ohm	+11.4 Ohm
Ritardo di propag.	OK	207.5 ns		5,4	510.0 ns	+302.5 ns
Diff. t. ritardo	OK	9.9 ns		5,4	< 43.0 ns	+33.1 ns
Capacità	OK	49.00 pF/m		5,4	< 66.00 pF/m	+17.0 pF/m
Return Loss	OK	16.8 dB @ 107.0 MHz	RH	7,8	> 13.7 dB	+3.1 dB
ACR	OK	29.4 dB @ 247.0 MHz	DH	3,6	>= 4.5 dB	+24.9 dB
ELFEXT	OK	30.5 dB @ 247.0 MHz	RH	5,4-3,6	> 16.3 dB	+14.2 dB
Riserva	OK	9.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.6 dB @ 247.0 MHz	DH	3,6	> 1.5 dB	+27.1 dB
Power Sum ELFEXT	OK	29.3 dB @ 247.0 MHz	DH	3,6	> 13.3 dB	+16.0 dB
Power Sum NEXT	OK	41.7 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+9.4 dB



# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0144  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:53:55  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	14.0 dB @ 228.0 MHz		3,6	< 29.5 dB	+15.5 dB
Lunghezza	OK	39.4 m		7,8	< 90.0 m	+50.6 m
NEXT	OK	41.5 dB @ 243.5 MHz	DH	7,8-3,6	> 35.5 dB	+6.0 dB
Resistenza DC	OK	9.2 Ohm		5,4	< 20.0 Ohm	+10.8 Ohm
Impedenza	OK	101.7 Ohm		1,2	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	207.1 ns		5,4	510.0 ns	+302.9 ns
Diff. t. ritardo	OK	9.4 ns		5,4	< 43.0 ns	+33.6 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	15.6 dB @ 230.5 MHz	DH	3,6	> 10.4 dB	+5.2 dB
ACR	OK	28.8 dB @ 238.5 MHz	DH	7,8	>= 5.4 dB	+23.4 dB
ELFEXT	OK	30.4 dB @ 228.0 MHz	RH	3,6-7,8	> 17.0 dB	+13.4 dB
Riserva	OK	8.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	27.4 dB @ 243.0 MHz	DH	3,6	> 1.9 dB	+25.5 dB
Power Sum ELFEXT	OK	27.4 dB @ 228.0 MHz	RH	3,6	> 14.0 dB	+13.4 dB
Power Sum NEXT	OK	39.9 dB @ 243.5 MHz	DH	3,6	> 32.5 dB	+7.4 dB

**OK**

ID cavo 1: 0145  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 12:55:00  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.8 dB @ 225.0 MHz		7,8	< 29.3 dB	+17.5 dB
Lunghezza	OK	36.7 m		7,8	< 90.0 m	+53.3 m
NEXT	OK	41.2 dB @ 235.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.5 dB
Resistenza DC	OK	8.6 Ohm		5,4	< 20.0 Ohm	+11.4 Ohm
Impedenza	OK	99.3 Ohm		5,4	85.0 - 115.0 Ohm	+14.3 Ohm
Ritardo di propag.	OK	192.5 ns		5,4	510.0 ns	+317.5 ns
Diff. t. ritardo	OK	7.5 ns		5,4	< 43.0 ns	+35.5 ns
Capacità	OK	47.60 pF/m		5,4	< 66.00 pF/m	+18.4 pF/m
Return Loss	OK	15.2 dB @ 223.5 MHz	DH	3,6	> 10.5 dB	+4.7 dB
ACR	OK	29.5 dB @ 236.0 MHz	DH	3,6	>= 5.6 dB	+23.9 dB
ELFEXT	OK	30.3 dB @ 247.5 MHz	DH	3,6-5,4	> 16.3 dB	+14.0 dB
Riserva	OK	8.7 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.7 dB @ 233.0 MHz	DH	3,6	> 2.9 dB	+25.8 dB
Power Sum ELFEXT	OK	28.3 dB @ 239.5 MHz	RH	3,6	> 13.6 dB	+14.7 dB
Power Sum NEXT	OK	40.6 dB @ 243.5 MHz	DH	3,6	> 32.5 dB	+8.1 dB

**OK**

ID cavo 1: 0146  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:00:08  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.5 dB @ 220.5 MHz		1,2	< 29.0 dB	+17.5 dB
Lunghezza	OK	36.4 m		1,2	< 90.0 m	+53.6 m
NEXT	OK	41.4 dB @ 234.5 MHz	DH	7,8-3,6	> 35.8 dB	+5.6 dB
Resistenza DC	OK	9.3 Ohm		5,4	< 20.0 Ohm	+10.7 Ohm
Impedenza	OK	97.3 Ohm		5,4	85.0 - 115.0 Ohm	+12.3 Ohm
Ritardo di propag.	OK	192.1 ns		5,4	510.0 ns	+317.9 ns
Diff. t. ritardo	OK	8.6 ns		5,4	< 43.0 ns	+34.4 ns
Capacità	OK	48.60 pF/m		5,4	< 66.00 pF/m	+17.4 pF/m
Return Loss	OK	14.2 dB @ 158.0 MHz	RH	1,2	> 12.0 dB	+2.2 dB
ACR	OK	30.1 dB @ 234.5 MHz	DH	3,6	>= 5.8 dB	+24.3 dB
ELFEXT	OK	30.9 dB @ 237.5 MHz	RH	3,6-7,8	> 16.7 dB	+14.2 dB
Riserva	OK	8.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.5 dB @ 243.5 MHz	DH	3,6	> 1.8 dB	+26.7 dB
Power Sum ELFEXT	OK	28.8 dB @ 249.5 MHz	RH	3,6	> 13.2 dB	+15.6 dB
Power Sum NEXT	OK	40.0 dB @ 246.0 MHz	DH	3,6	> 32.4 dB	+7.6 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0147  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:01:05  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.5 dB @ 226.5 MHz		1,2	< 29.4 dB	+17.9 dB
Lunghezza	OK	36.3 m		7,8	< 90.0 m	+53.7 m
NEXT	OK	41.4 dB @ 235.0 MHz	DH	7,8-3,6	> 35.8 dB	+5.6 dB
Resistenza DC	OK	9.2 Ohm		5,4	< 20.0 Ohm	+10.8 Ohm
Impedenza	OK	101.7 Ohm		1,2	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	191.6 ns		5,4	510.0 ns	+318.4 ns
Diff. t. ritardo	OK	8.6 ns		5,4	< 43.0 ns	+34.4 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	14.5 dB @ 221.5 MHz	RH	7,8	> 10.5 dB	+4.0 dB
ACR	OK	30.0 dB @ 234.5 MHz	DH	3,6	>= 5.8 dB	+24.2 dB
ELFEXT	OK	30.4 dB @ 249.0 MHz	RH	5,4-3,6	> 16.2 dB	+14.2 dB
Riserva	OK	8.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	27.9 dB @ 241.5 MHz	DH	3,6	> 2.1 dB	+25.8 dB
Power Sum ELFEXT	OK	29.2 dB @ 246.5 MHz	RH	3,6	> 13.3 dB	+15.9 dB
Power Sum NEXT	OK	39.5 dB @ 241.5 MHz	DH	3,6	> 32.6 dB	+6.9 dB

**OK**

ID cavo 1: 0148  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:02:08  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.8 dB @ 224.0 MHz		1,2	< 29.2 dB	+17.4 dB
Lunghezza	OK	36.5 m		7,8	< 90.0 m	+53.5 m
NEXT	OK	41.2 dB @ 234.0 MHz	DH	7,8-3,6	> 35.8 dB	+5.4 dB
Resistenza DC	OK	9.5 Ohm		5,4	< 20.0 Ohm	+10.5 Ohm
Impedenza	OK	101.5 Ohm		1,2	85.0 - 115.0 Ohm	+13.5 Ohm
Ritardo di propag.	OK	192.3 ns		5,4	510.0 ns	+317.7 ns
Diff. t. ritardo	OK	8.2 ns		5,4	< 43.0 ns	+34.8 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	17.1 dB @ 163.5 MHz	RH	1,2	> 11.9 dB	+5.2 dB
ACR	OK	29.7 dB @ 231.0 MHz	DH	3,6	>= 6.1 dB	+23.6 dB
ELFEXT	OK	31.3 dB @ 237.0 MHz	RH	3,6-7,8	> 16.7 dB	+14.6 dB
Riserva	OK	9.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.9 dB @ 237.0 MHz	DH	3,6	> 2.5 dB	+26.4 dB
Power Sum ELFEXT	OK	28.7 dB @ 247.0 MHz	RH	3,6	> 13.3 dB	+15.4 dB
Power Sum NEXT	OK	40.4 dB @ 234.0 MHz	DH	3,6	> 32.8 dB	+7.6 dB

**OK**

ID cavo 1: 0149  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:03:12  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	12.0 dB @ 234.5 MHz		7,8	< 30.0 dB	+18.0 dB
Lunghezza	OK	36.3 m		7,8	< 90.0 m	+53.7 m
NEXT	OK	40.6 dB @ 249.5 MHz	DH	7,8-3,6	> 35.3 dB	+5.3 dB
Resistenza DC	OK	9.8 Ohm		5,4	< 20.0 Ohm	+10.2 Ohm
Impedenza	OK	97.3 Ohm		5,4	85.0 - 115.0 Ohm	+12.3 Ohm
Ritardo di propag.	OK	192.1 ns		5,4	510.0 ns	+317.9 ns
Diff. t. ritardo	OK	9.1 ns		5,4	< 43.0 ns	+33.9 ns
Capacità	OK	48.60 pF/m		5,4	< 66.00 pF/m	+17.4 pF/m
Return Loss	OK	14.2 dB @ 222.0 MHz	DH	7,8	> 10.5 dB	+3.7 dB
ACR	OK	29.3 dB @ 249.5 MHz	DH	7,8	>= 4.2 dB	+25.1 dB
ELFEXT	OK	31.2 dB @ 234.5 MHz	DH	3,6-7,8	> 16.8 dB	+14.4 dB
Riserva	OK	9.8 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.7 dB @ 249.5 MHz	DH	3,6	> 1.2 dB	+27.5 dB
Power Sum ELFEXT	OK	28.9 dB @ 248.0 MHz	RH	3,6	> 13.3 dB	+15.6 dB
Power Sum NEXT	OK	40.0 dB @ 249.5 MHz	DH	3,6	> 32.3 dB	+7.7 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0150  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:04:15  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	12.4 dB @ 237.0 MHz		3,6	< 30.2 dB	+17.8 dB
Lunghezza	OK	36.2 m		7,8	< 90.0 m	+53.8 m
NEXT	OK	41.7 dB @ 238.5 MHz	DH	7,8-3,6	> 35.7 dB	+6.0 dB
Resistenza DC	OK	9.2 Ohm		5,4	< 20.0 Ohm	+10.8 Ohm
Impedenza	OK	101.7 Ohm		1,2	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	190.9 ns		5,4	510.0 ns	+319.1 ns
Diff. t. ritardo	OK	8.3 ns		5,4	< 43.0 ns	+34.7 ns
Capacità	OK	47.70 pF/m		5,4	< 66.00 pF/m	+18.3 pF/m
Return Loss	OK	16.3 dB @ 157.0 MHz	RH	1,2	> 12.0 dB	+4.3 dB
ACR	OK	30.7 dB @ 232.5 MHz	DH	7,8	>= 5.9 dB	+24.8 dB
ELFEXT	OK	29.3 dB @ 237.0 MHz	RH	3,6-7,8	> 16.7 dB	+12.6 dB
Riserva	OK	8.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.0 dB @ 239.5 MHz	DH	3,6	> 2.2 dB	+26.8 dB
Power Sum ELFEXT	OK	27.6 dB @ 237.0 MHz	RH	3,6	> 13.7 dB	+13.9 dB
Power Sum NEXT	OK	40.9 dB @ 238.5 MHz	DH	3,6	> 32.7 dB	+8.2 dB

**OK**

ID cavo 1: 0151  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:05:18  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.8 dB @ 237.5 MHz		5,4	< 30.2 dB	+18.4 dB
Lunghezza	OK	35.9 m		7,8	< 90.0 m	+54.1 m
NEXT	OK	40.4 dB @ 241.0 MHz	DH	7,8-3,6	> 35.6 dB	+4.8 dB
Resistenza DC	OK	9.2 Ohm		5,4	< 20.0 Ohm	+10.8 Ohm
Impedenza	OK	101.5 Ohm		1,2	85.0 - 115.0 Ohm	+13.5 Ohm
Ritardo di propag.	OK	189.1 ns		5,4	510.0 ns	+320.9 ns
Diff. t. ritardo	OK	7.7 ns		5,4	< 43.0 ns	+35.3 ns
Capacità	OK	47.40 pF/m		5,4	< 66.00 pF/m	+18.6 pF/m
Return Loss	OK	15.7 dB @ 224.5 MHz	DH	3,6	> 10.5 dB	+5.2 dB
ACR	OK	29.1 dB @ 241.0 MHz	DH	3,6	>= 5.1 dB	+24.0 dB
ELFEXT	OK	27.6 dB @ 249.5 MHz	RH	3,6-5,4	> 16.2 dB	+11.4 dB
Riserva	OK	9.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.7 dB @ 240.5 MHz	DH	3,6	> 2.2 dB	+26.5 dB
Power Sum ELFEXT	OK	26.7 dB @ 249.5 MHz	RH	3,6	> 13.2 dB	+13.5 dB
Power Sum NEXT	OK	40.0 dB @ 241.0 MHz	DH	3,6	> 32.6 dB	+7.4 dB

**OK**

ID cavo 1: 0152  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:06:18  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.5 dB @ 228.5 MHz		7,8	< 29.6 dB	+18.1 dB
Lunghezza	OK	36.2 m		1,2	< 90.0 m	+53.8 m
NEXT	OK	41.9 dB @ 235.0 MHz	DH	7,8-3,6	> 35.8 dB	+6.1 dB
Resistenza DC	OK	9.1 Ohm		5,4	< 20.0 Ohm	+10.9 Ohm
Impedenza	OK	97.1 Ohm		5,4	85.0 - 115.0 Ohm	+12.1 Ohm
Ritardo di propag.	OK	191.8 ns		5,4	510.0 ns	+318.2 ns
Diff. t. ritardo	OK	9.0 ns		5,4	< 43.0 ns	+34.0 ns
Capacità	OK	48.60 pF/m		5,4	< 66.00 pF/m	+17.4 pF/m
Return Loss	OK	15.2 dB @ 227.0 MHz	DH	7,8	> 10.4 dB	+4.8 dB
ACR	OK	30.7 dB @ 234.5 MHz	DH	7,8	>= 5.8 dB	+24.9 dB
ELFEXT	OK	30.4 dB @ 228.5 MHz	DH	3,6-7,8	> 17.0 dB	+13.4 dB
Riserva	OK	8.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.0 dB @ 247.0 MHz	DH	3,6	> 1.5 dB	+27.5 dB
Power Sum ELFEXT	OK	27.9 dB @ 248.5 MHz	DH	3,6	> 13.3 dB	+14.6 dB
Power Sum NEXT	OK	41.1 dB @ 235.0 MHz	DH	3,6	> 32.8 dB	+8.3 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0153  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:07:30  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.9 dB @ 242.0 MHz		3,6	< 30.6 dB	+18.7 dB
Lunghezza	OK	33.1 m		7,8	< 90.0 m	+56.9 m
NEXT	OK	41.6 dB @ 244.5 MHz	DH	7,8-3,6	> 35.5 dB	+6.1 dB
Resistenza DC	OK	7.9 Ohm		5,4	< 20.0 Ohm	+12.1 Ohm
Impedenza	OK	101.6 Ohm		1,2	85.0 - 115.0 Ohm	+13.4 Ohm
Ritardo di propag.	OK	175.9 ns		5,4	510.0 ns	+334.1 ns
Diff. t. ritardo	OK	7.6 ns		5,4	< 43.0 ns	+35.4 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	14.8 dB @ 229.0 MHz	DH	7,8	> 10.4 dB	+4.4 dB
ACR	OK	30.3 dB @ 242.0 MHz	DH	3,6	>= 4.9 dB	+25.4 dB
ELFEXT	OK	31.4 dB @ 242.0 MHz	RH	3,6-5,4	> 16.5 dB	+14.9 dB
Riserva	OK	5.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.5 dB @ 242.0 MHz	DH	3,6	> 1.9 dB	+26.6 dB
Power Sum ELFEXT	OK	29.8 dB @ 242.0 MHz	RH	3,6	> 13.5 dB	+16.3 dB
Power Sum NEXT	OK	39.7 dB @ 244.5 MHz	DH	3,6	> 32.5 dB	+7.2 dB

**OK**

ID cavo 1: 0154  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:08:43  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.2 dB @ 234.5 MHz		3,6	< 30.0 dB	+18.8 dB
Lunghezza	OK	33.0 m		7,8	< 90.0 m	+57.0 m
NEXT	OK	42.2 dB @ 232.0 MHz	DH	7,8-3,6	> 35.8 dB	+6.4 dB
Resistenza DC	OK	8.5 Ohm		5,4	< 20.0 Ohm	+11.5 Ohm
Impedenza	OK	101.7 Ohm		1,2	85.0 - 115.0 Ohm	+13.3 Ohm
Ritardo di propag.	OK	175.5 ns		5,4	510.0 ns	+334.5 ns
Diff. t. ritardo	OK	7.6 ns		5,4	< 43.0 ns	+35.4 ns
Capacità	OK	48.00 pF/m		5,4	< 66.00 pF/m	+18.0 pF/m
Return Loss	OK	15.0 dB @ 223.0 MHz	RH	7,8	> 10.5 dB	+4.5 dB
ACR	OK	31.6 dB @ 232.0 MHz	DH	3,6	>= 6.0 dB	+25.6 dB
ELFEXT	OK	31.5 dB @ 234.5 MHz	RH	3,6-7,8	> 16.8 dB	+14.7 dB
Riserva	OK	8.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	30.7 dB @ 234.5 MHz	DH	3,6	> 2.8 dB	+27.9 dB
Power Sum ELFEXT	OK	29.2 dB @ 249.0 MHz	RH	3,6	> 13.2 dB	+16.0 dB
Power Sum NEXT	OK	41.4 dB @ 235.5 MHz	DH	3,6	> 32.7 dB	+8.7 dB

**OK**

ID cavo 1: 0155  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:09:41  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.2 dB @ 240.0 MHz		3,6	< 30.4 dB	+19.2 dB
Lunghezza	OK	33.1 m		7,8	< 90.0 m	+56.9 m
NEXT	OK	40.7 dB @ 234.5 MHz	DH	7,8-3,6	> 35.8 dB	+4.9 dB
Resistenza DC	OK	8.9 Ohm		5,4	< 20.0 Ohm	+11.1 Ohm
Impedenza	OK	102.3 Ohm		1,2	85.0 - 115.0 Ohm	+12.7 Ohm
Ritardo di propag.	OK	176.2 ns		5,4	510.0 ns	+333.8 ns
Diff. t. ritardo	OK	8.0 ns		5,4	< 43.0 ns	+35.0 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	15.8 dB @ 168.5 MHz	RH	7,8	> 11.7 dB	+4.1 dB
ACR	OK	30.2 dB @ 234.5 MHz	DH	3,6	>= 5.8 dB	+24.4 dB
ELFEXT	OK	30.7 dB @ 236.0 MHz	RH	3,6-7,8	> 16.7 dB	+14.0 dB
Riserva	OK	9.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.5 dB @ 234.5 MHz	DH	3,6	> 2.8 dB	+26.7 dB
Power Sum ELFEXT	OK	28.5 dB @ 240.0 MHz	RH	3,6	> 13.6 dB	+14.9 dB
Power Sum NEXT	OK	40.0 dB @ 234.5 MHz	DH	3,6	> 32.8 dB	+7.2 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0156  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:10:42  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	10.8 dB @ 226.5 MHz		1,2	< 29.4 dB	+18.6 dB
Lunghezza	OK	33.2 m		7,8	< 90.0 m	+56.8 m
NEXT	OK	41.2 dB @ 244.0 MHz	DH	7,8-3,6	> 35.5 dB	+5.7 dB
Resistenza DC	OK	8.7 Ohm		5,4	< 20.0 Ohm	+11.3 Ohm
Impedenza	OK	102.0 Ohm		1,2	85.0 - 115.0 Ohm	+13.0 Ohm
Ritardo di propag.	OK	176.7 ns		5,4	510.0 ns	+333.3 ns
Diff. t. ritardo	OK	8.1 ns		5,4	< 43.0 ns	+34.9 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	15.2 dB @ 226.5 MHz	DH	3,6	> 10.4 dB	+4.8 dB
ACR	OK	30.6 dB @ 243.5 MHz	DH	3,6	>= 4.8 dB	+25.8 dB
ELFEXT	OK	31.1 dB @ 250.0 MHz	RH	3,6-5,4	> 16.2 dB	+14.9 dB
Riserva	OK	7.9 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.5 dB @ 250.0 MHz	DH	3,6	> 1.1 dB	+28.4 dB
Power Sum ELFEXT	OK	28.5 dB @ 250.0 MHz	RH	3,6	> 13.2 dB	+15.3 dB
Power Sum NEXT	OK	40.3 dB @ 244.0 MHz	DH	3,6	> 32.5 dB	+7.8 dB

**OK**

ID cavo 1: 0157  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:11:52  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.7 dB @ 226.0 MHz		3,6	< 29.4 dB	+17.7 dB
Lunghezza	OK	34.1 m		7,8	< 90.0 m	+55.9 m
NEXT	OK	42.3 dB @ 231.0 MHz	DH	7,8-3,6	> 35.9 dB	+6.4 dB
Resistenza DC	OK	8.8 Ohm		5,4	< 20.0 Ohm	+11.2 Ohm
Impedenza	OK	101.8 Ohm		1,2	85.0 - 115.0 Ohm	+13.2 Ohm
Ritardo di propag.	OK	180.8 ns		5,4	510.0 ns	+329.2 ns
Diff. t. ritardo	OK	8.0 ns		5,4	< 43.0 ns	+35.0 ns
Capacità	OK	47.80 pF/m		5,4	< 66.00 pF/m	+18.2 pF/m
Return Loss	OK	15.1 dB @ 224.0 MHz	RH	3,6	> 10.5 dB	+4.6 dB
ACR	OK	32.0 dB @ 235.0 MHz	DH	7,8	>= 5.8 dB	+26.2 dB
ELFEXT	OK	30.3 dB @ 238.5 MHz	RH	3,6-5,4	> 16.6 dB	+13.7 dB
Riserva	OK	9.1 dB		N/A	N/A	N/A
Power Sum ACR	OK	30.2 dB @ 241.0 MHz	DH	3,6	> 2.1 dB	+28.1 dB
Power Sum ELFEXT	OK	28.0 dB @ 238.5 MHz	RH	3,6	> 13.6 dB	+14.4 dB
Power Sum NEXT	OK	41.3 dB @ 250.0 MHz	DH	3,6	> 32.3 dB	+9.0 dB

**OK**

ID cavo 1: 0158  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:12:54  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	11.6 dB @ 234.5 MHz		3,6	< 30.0 dB	+18.4 dB
Lunghezza	OK	34.0 m		7,8	< 90.0 m	+56.0 m
NEXT	OK	42.3 dB @ 234.0 MHz	DH	7,8-3,6	> 35.8 dB	+6.5 dB
Resistenza DC	OK	9.0 Ohm		5,4	< 20.0 Ohm	+11.0 Ohm
Impedenza	OK	96.0 Ohm		5,4	85.0 - 115.0 Ohm	+11.0 Ohm
Ritardo di propag.	OK	181.0 ns		5,4	510.0 ns	+329.0 ns
Diff. t. ritardo	OK	8.3 ns		5,4	< 43.0 ns	+34.7 ns
Capacità	OK	49.20 pF/m		5,4	< 66.00 pF/m	+16.8 pF/m
Return Loss	OK	14.9 dB @ 220.0 MHz	RH	7,8	> 10.6 dB	+4.3 dB
ACR	OK	31.1 dB @ 234.0 MHz	DH	7,8	>= 5.8 dB	+25.3 dB
ELFEXT	OK	32.7 dB @ 234.5 MHz	RH	3,6-7,8	> 16.8 dB	+15.9 dB
Riserva	OK	8.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	30.0 dB @ 234.5 MHz	DH	3,6	> 2.8 dB	+27.2 dB
Power Sum ELFEXT	OK	29.8 dB @ 242.0 MHz	RH	3,6	> 13.5 dB	+16.3 dB
Power Sum NEXT	OK	41.2 dB @ 234.0 MHz	DH	3,6	> 32.8 dB	+8.4 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0159  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:15:34  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	12.2 dB @ 223.5 MHz		3,6	< 29.2 dB	+17.0 dB
Lunghezza	OK	34.8 m		7,8	< 90.0 m	+55.2 m
NEXT	OK	40.9 dB @ 235.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.2 dB
Resistenza DC	OK	8.5 Ohm		5,4	< 20.0 Ohm	+11.5 Ohm
Impedenza	OK	97.3 Ohm		5,4	85.0 - 115.0 Ohm	+12.3 Ohm
Ritardo di propag.	OK	184.6 ns		5,4	510.0 ns	+325.4 ns
Diff. t. ritardo	OK	8.5 ns		5,4	< 43.0 ns	+34.5 ns
Capacità	OK	48.50 pF/m		5,4	< 66.00 pF/m	+17.5 pF/m
Return Loss	OK	14.9 dB @ 162.5 MHz	RH	1,2	> 11.9 dB	+3.0 dB
ACR	OK	30.0 dB @ 232.5 MHz	DH	3,6	>= 5.9 dB	+24.1 dB
ELFEXT	OK	30.3 dB @ 230.5 MHz	RH	3,6-7,8	> 16.9 dB	+13.4 dB
Riserva	OK	8.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	28.7 dB @ 245.0 MHz	DH	3,6	> 1.7 dB	+27.0 dB
Power Sum ELFEXT	OK	28.7 dB @ 230.5 MHz	RH	3,6	> 13.9 dB	+14.8 dB
Power Sum NEXT	OK	40.0 dB @ 249.0 MHz	DH	3,6	> 32.3 dB	+7.7 dB

**OK**

ID cavo 1: 0160  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:17:33  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	9.8 dB @ 223.0 MHz		1,2	< 29.2 dB	+19.4 dB
Lunghezza	OK	30.8 m		7,8	< 90.0 m	+59.2 m
NEXT	OK	41.4 dB @ 235.5 MHz	DH	7,8-3,6	> 35.7 dB	+5.7 dB
Resistenza DC	OK	8.4 Ohm		5,4	< 20.0 Ohm	+11.6 Ohm
Impedenza	OK	96.6 Ohm		5,4	85.0 - 115.0 Ohm	+11.6 Ohm
Ritardo di propag.	OK	165.0 ns		5,4	510.0 ns	+345.0 ns
Diff. t. ritardo	OK	7.3 ns		5,4	< 43.0 ns	+35.7 ns
Capacità	OK	48.90 pF/m		5,4	< 66.00 pF/m	+17.1 pF/m
Return Loss	OK	14.1 dB @ 223.5 MHz	RH	3,6	> 10.5 dB	+3.6 dB
ACR	OK	31.3 dB @ 235.5 MHz	DH	3,6	>= 5.6 dB	+25.7 dB
ELFEXT	OK	34.9 dB @ 218.5 MHz	DH	7,8-5,4	> 17.4 dB	+17.5 dB
Riserva	OK	6.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.2 dB @ 242.5 MHz	DH	3,6	> 1.9 dB	+27.3 dB
Power Sum ELFEXT	OK	32.0 dB @ 230.5 MHz	DH	5,4	> 13.9 dB	+18.1 dB
Power Sum NEXT	OK	39.8 dB @ 249.5 MHz	DH	3,6	> 32.3 dB	+7.5 dB

**OK**

ID cavo 1: 0161  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:19:33  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	19.1 dB @ 244.5 MHz		3,6	< 30.7 dB	+11.6 dB
Lunghezza	OK	57.6 m		1,2	< 90.0 m	+32.4 m
NEXT	OK	41.2 dB @ 234.5 MHz	DH	7,8-3,6	> 35.8 dB	+5.4 dB
Resistenza DC	OK	12.2 Ohm		5,4	< 20.0 Ohm	+7.8 Ohm
Impedenza	OK	102.3 Ohm		1,2	85.0 - 115.0 Ohm	+12.7 Ohm
Ritardo di propag.	OK	295.8 ns		5,4	510.0 ns	+214.2 ns
Diff. t. ritardo	OK	14.0 ns		5,4	< 43.0 ns	+29.0 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	15.5 dB @ 228.5 MHz	DH	7,8	> 10.4 dB	+5.1 dB
ACR	OK	23.1 dB @ 234.0 MHz	DH	3,6	>= 5.8 dB	+17.3 dB
ELFEXT	OK	36.2 dB @ 197.0 MHz	RH	3,6-5,4	> 18.3 dB	+17.9 dB
Riserva	OK	9.4 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.1 dB @ 234.0 MHz	DH	3,6	> 2.8 dB	+19.3 dB
Power Sum ELFEXT	OK	33.8 dB @ 177.0 MHz	DH	3,6	> 16.2 dB	+17.6 dB
Power Sum NEXT	OK	40.3 dB @ 234.5 MHz	DH	3,6	> 32.8 dB	+7.5 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0162  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:20:33  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	18.4 dB @ 230.0 MHz		7,8	< 29.7 dB	+11.3 dB
Lunghezza	OK	57.6 m		1,2	< 90.0 m	+32.4 m
NEXT	OK	43.3 dB @ 247.5 MHz	DH	7,8-3,6	> 35.4 dB	+7.9 dB
Resistenza DC	OK	12.5 Ohm		5,4	< 20.0 Ohm	+7.5 Ohm
Impedenza	OK	96.9 Ohm		5,4	85.0 - 115.0 Ohm	+11.9 Ohm
Ritardo di propag.	OK	297.6 ns		5,4	510.0 ns	+212.4 ns
Diff. t. ritardo	OK	15.9 ns		5,4	< 43.0 ns	+27.1 ns
Capacità	OK	48.70 pF/m		5,4	< 66.00 pF/m	+17.3 pF/m
Return Loss	OK	14.8 dB @ 219.0 MHz	RH	7,8	> 10.6 dB	+4.2 dB
ACR	OK	24.9 dB @ 234.0 MHz	DH	3,6	>= 5.8 dB	+19.1 dB
ELFEXT	OK	32.4 dB @ 208.5 MHz	RH	5,4-3,6	> 17.8 dB	+14.6 dB
Riserva	OK	10.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	23.0 dB @ 240.5 MHz	DH	3,6	> 2.2 dB	+20.8 dB
Power Sum ELFEXT	OK	30.6 dB @ 208.5 MHz	RH	5,4	> 14.8 dB	+15.8 dB
Power Sum NEXT	OK	41.4 dB @ 240.5 MHz	DH	3,6	> 32.6 dB	+8.8 dB

**OK**

ID cavo 1: 0163  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:22:36  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	9.2 dB @ 238.5 MHz		1,2	< 30.3 dB	+21.1 dB
Lunghezza	OK	22.5 m		7,8	< 90.0 m	+67.5 m
NEXT	OK	40.6 dB @ 236.0 MHz	DH	7,8-3,6	> 35.7 dB	+4.9 dB
Resistenza DC	OK	6.7 Ohm		5,4	< 20.0 Ohm	+13.3 Ohm
Impedenza	OK	95.8 Ohm		5,4	85.0 - 115.0 Ohm	+10.8 Ohm
Ritardo di propag.	OK	124.2 ns		5,4	510.0 ns	+385.8 ns
Diff. t. ritardo	OK	4.9 ns		5,4	< 43.0 ns	+38.1 ns
Capacità	OK	49.30 pF/m		5,4	< 66.00 pF/m	+16.7 pF/m
Return Loss	OK	14.3 dB @ 221.5 MHz	RH	7,8	> 10.5 dB	+3.8 dB
ACR	OK	32.4 dB @ 236.5 MHz	DH	7,8	>= 5.5 dB	+26.9 dB
ELFEXT	OK	37.5 dB @ 236.5 MHz	DH	3,6-7,8	> 16.7 dB	+20.8 dB
Riserva	OK	5.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	31.9 dB @ 231.0 MHz	DH	3,6	> 3.1 dB	+28.8 dB
Power Sum ELFEXT	OK	33.9 dB @ 234.5 MHz	RH	3,6	> 13.8 dB	+20.1 dB
Power Sum NEXT	OK	40.0 dB @ 236.0 MHz	DH	3,6	> 32.7 dB	+7.3 dB

**OK**

ID cavo 1: 0164  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:37:42  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	16.6 dB @ 225.5 MHz		5,4	< 29.3 dB	+12.7 dB
Lunghezza	OK	48.5 m		1,2	< 90.0 m	+41.5 m
NEXT	OK	41.1 dB @ 245.0 MHz	DH	3,6-1,2	> 35.5 dB	+5.6 dB
Resistenza DC	OK	10.7 Ohm		5,4	< 20.0 Ohm	+9.3 Ohm
Impedenza	OK	97.9 Ohm		5,4	85.0 - 115.0 Ohm	+12.9 Ohm
Ritardo di propag.	OK	251.2 ns		5,4	510.0 ns	+258.8 ns
Diff. t. ritardo	OK	11.4 ns		5,4	< 43.0 ns	+31.6 ns
Capacità	OK	48.20 pF/m		5,4	< 66.00 pF/m	+17.8 pF/m
Return Loss	OK	14.2 dB @ 224.5 MHz	DH	3,6	> 10.5 dB	+3.7 dB
ACR	OK	25.2 dB @ 244.5 MHz	DH	3,6	>= 4.8 dB	+20.4 dB
ELFEXT	OK	24.4 dB @ 225.5 MHz	RH	5,4-3,6	> 17.1 dB	+7.3 dB
Riserva	OK	6.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	22.7 dB @ 238.5 MHz	RH	3,6	> 2.4 dB	+20.3 dB
Power Sum ELFEXT	OK	23.5 dB @ 225.5 MHz	DH	3,6	> 14.1 dB	+9.4 dB
Power Sum NEXT	OK	38.3 dB @ 236.5 MHz	RH	3,6	> 32.7 dB	+5.6 dB

# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

**OK**

ID cavo 1: 0165  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:27:49  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	10.3 dB @ 226.5 MHz		5,4	< 29.4 dB	+19.1 dB
Lunghezza	OK	28.3 m		7,8	< 90.0 m	+61.7 m
NEXT	OK	41.6 dB @ 240.5 MHz	DH	7,8-3,6	> 35.6 dB	+6.0 dB
Resistenza DC	OK	7.5 Ohm		5,4	< 20.0 Ohm	+12.5 Ohm
Impedenza	OK	98.7 Ohm		5,4	85.0 - 115.0 Ohm	+13.7 Ohm
Ritardo di propag.	OK	152.7 ns		5,4	510.0 ns	+357.3 ns
Diff. t. ritardo	OK	6.5 ns		5,4	< 43.0 ns	+36.5 ns
Capacità	OK	47.90 pF/m		5,4	< 66.00 pF/m	+18.1 pF/m
Return Loss	OK	15.6 dB @ 228.5 MHz	RH	3,6	> 10.4 dB	+5.2 dB
ACR	OK	32.7 dB @ 222.0 MHz	RH	1,2	>= 7.1 dB	+25.6 dB
ELFEXT	OK	30.1 dB @ 250.0 MHz	RH	3,6-7,8	> 16.2 dB	+13.9 dB
Riserva	OK	4.6 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.9 dB @ 239.5 MHz	DH	3,6	> 2.2 dB	+27.7 dB
Power Sum ELFEXT	OK	28.7 dB @ 250.0 MHz	RH	3,6	> 13.2 dB	+15.5 dB
Power Sum NEXT	OK	40.1 dB @ 240.5 MHz	DH	3,6	> 32.6 dB	+7.5 dB

**OK**

ID cavo 1: 0166  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:28:51  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	9.9 dB @ 241.0 MHz		3,6	< 30.5 dB	+20.6 dB
Lunghezza	OK	28.3 m		7,8	< 90.0 m	+61.7 m
NEXT	OK	42.0 dB @ 231.5 MHz	DH	7,8-3,6	> 35.9 dB	+6.1 dB
Resistenza DC	OK	7.6 Ohm		5,4	< 20.0 Ohm	+12.4 Ohm
Impedenza	OK	101.4 Ohm		1,2	85.0 - 115.0 Ohm	+13.6 Ohm
Ritardo di propag.	OK	152.4 ns		5,4	510.0 ns	+357.6 ns
Diff. t. ritardo	OK	6.4 ns		5,4	< 43.0 ns	+36.6 ns
Capacità	OK	47.60 pF/m		5,4	< 66.00 pF/m	+18.4 pF/m
Return Loss	OK	15.9 dB @ 163.5 MHz	RH	3,6	> 11.9 dB	+4.0 dB
ACR	OK	34.5 dB @ 219.0 MHz	RH	3,6	>= 7.4 dB	+27.1 dB
ELFEXT	OK	33.4 dB @ 248.0 MHz	RH	5,4-3,6	> 16.3 dB	+17.1 dB
Riserva	OK	7.3 dB		N/A	N/A	N/A
Power Sum ACR	OK	33.2 dB @ 219.0 MHz	RH	3,6	> 4.4 dB	+28.8 dB
Power Sum ELFEXT	OK	30.6 dB @ 250.0 MHz	DH	3,6	> 13.2 dB	+17.4 dB
Power Sum NEXT	OK	39.8 dB @ 248.0 MHz	DH	3,6	> 32.4 dB	+7.4 dB

**OK**

ID cavo 1: 0167  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:30:09  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	4.1 dB @ 229.0 MHz		3,6	< 29.6 dB	+25.5 dB
Lunghezza	OK	8.4 m		7,8	< 90.0 m	+81.6 m
NEXT	OK	37.9 dB @ 239.5 MHz	RH	3,6-5,4	> 35.6 dB	+2.3 dB
Resistenza DC	OK	4.5 Ohm		5,4	< 20.0 Ohm	+15.5 Ohm
Impedenza	OK	101.8 Ohm		1,2	85.0 - 115.0 Ohm	+13.2 Ohm
Ritardo di propag.	OK	56.2 ns		5,4	510.0 ns	+453.8 ns
Diff. t. ritardo	OK	2.4 ns		5,4	< 43.0 ns	+40.6 ns
Capacità	OK	47.60 pF/m		5,4	< 66.00 pF/m	+18.4 pF/m
Return Loss	OK	13.6 dB @ 173.0 MHz	DH	3,6	> 11.6 dB	+2.0 dB
ACR	OK	35.9 dB @ 219.5 MHz	DH	3,6	>= 7.3 dB	+28.6 dB
ELFEXT	OK	25.6 dB @ 239.5 MHz	RH	3,6-5,4	> 16.6 dB	+9.0 dB
Riserva	OK	0.0 dB		N/A	N/A	N/A
Power Sum ACR	OK	30.9 dB @ 239.5 MHz	RH	3,6	> 2.2 dB	+28.7 dB
Power Sum ELFEXT	OK	25.1 dB @ 239.5 MHz	RH	3,6	> 13.6 dB	+11.5 dB
Power Sum NEXT	OK	34.6 dB @ 240.0 MHz	RH	3,6	> 32.6 dB	+2.0 dB



# IDEAL Industries, Inc. Certified - Breve relazione

Nome lavoro: Via Magenta 5 - ROMA  
 Cliente:

Data relazione: 29/06/2013  
 S/W Version: 3.278

## OK

ID cavo 1: 0168  
 ID cavo 2:  
 Data del test: 29/06/2013  
 Test Time: 13:31:18  
 Adapter ID: 600

Tipo di cavo: CAT 6-250 UTP Perm  
 NVP: 0.72c  
 LT8600 [513010/513019]  
 F/W Version: V2.621

Test Standard: TIA/EIA-568-B.2  
 Gamma frequenza: 1-250 MHz  
 Operatore: OPERATORE  
 Contractor: YOUUS Srl  
 Company: AMNESTY INTERNATIONAL

Notes:

	<u>Risultato</u>	<u>Val. pegg.</u>	<u>DH/RH</u>	<u>Coppia</u>	<u>Limite</u>	<u>Margine</u>
Schema cablaggio	OK	12345678		N/A	12345678	N/A
Attenuazione	OK	6.1 dB @ 236.0 MHz		5,4	< 30.1 dB	+24.0 dB
Lunghezza	OK	14.8 m		7,8	< 90.0 m	+75.2 m
NEXT	OK	38.1 dB @ 222.5 MHz	RH	5,4-1,2	> 36.1 dB	+2.0 dB
Resistenza DC	OK	5.6 Ohm		5,4	< 20.0 Ohm	+14.4 Ohm
Impedenza	OK	103.6 Ohm		1,2	85.0 - 115.0 Ohm	+11.4 Ohm
Ritardo di propag.	OK	87.5 ns		5,4	510.0 ns	+422.5 ns
Diff. t. ritardo	OK	4.0 ns		5,4	< 43.0 ns	+39.0 ns
Capacità	OK	48.10 pF/m		5,4	< 66.00 pF/m	+17.9 pF/m
Return Loss	OK	14.0 dB @ 165.5 MHz	RH	3,6	> 11.8 dB	+2.2 dB
ACR	OK	33.5 dB @ 223.0 MHz	RH	1,2	>= 6.9 dB	+26.6 dB
ELFEXT	OK	27.7 dB @ 220.5 MHz	RH	5,4-3,6	> 17.3 dB	+10.4 dB
Riserva	OK	0.5 dB		N/A	N/A	N/A
Power Sum ACR	OK	29.5 dB @ 247.0 MHz	RH	3,6	> 1.5 dB	+28.0 dB
Power Sum ELFEXT	OK	27.1 dB @ 227.5 MHz	DH	3,6	> 14.0 dB	+13.1 dB
Power Sum NEXT	OK	34.7 dB @ 247.0 MHz	RH	3,6	> 32.4 dB	+2.3 dB