

Patch Cord



The Patch Cord has been tested and verified for full compliance with the following standards:

ANSI/TIA/EIA-568-B.2-1
IEC 61156-5 (ISO/IEC 11801 2nd edition)
CENELEC EN 50288-3
EN50173:2002, EN50167, EN50169

Applications

The Patch Cord supports all available LAN applications and they are used for work area, jumper and patching in LANs, warranty features until 100 MHz.

The Patch Cords are molded. Both cable ends are terminated with modular shielded plug connectors.

Benefits and Features

Exceed Cat.5E requirements
 High quality and cable design
 High Return Loss and NEXT Loss values
 Low propagation delay
 High Electro-Magnetic Interference protection
 Comfortable cable handling by a smooth jacket
 Molded plug terminations.

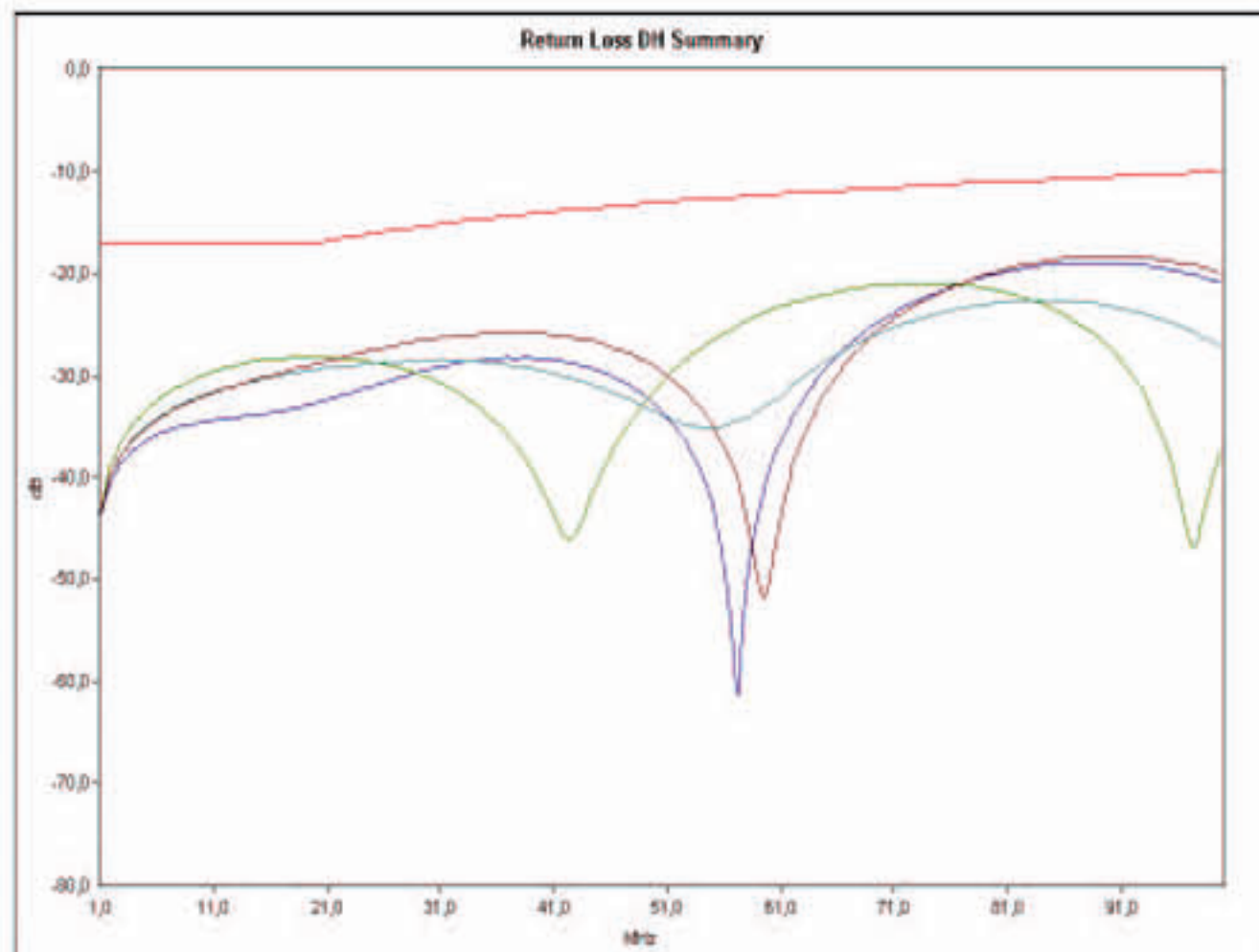
General properties

Construction: Stranded bare annealed copper wire
 Diameter: 24AWG
 Insulation: Polyolefin
 Number of insulated conductors: 8, twisted in 4 pairs.
 Color code: Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown.
 Overall shield: laminated aluminium foil
 Drain wire: 24 AWG solid tin-coated copper

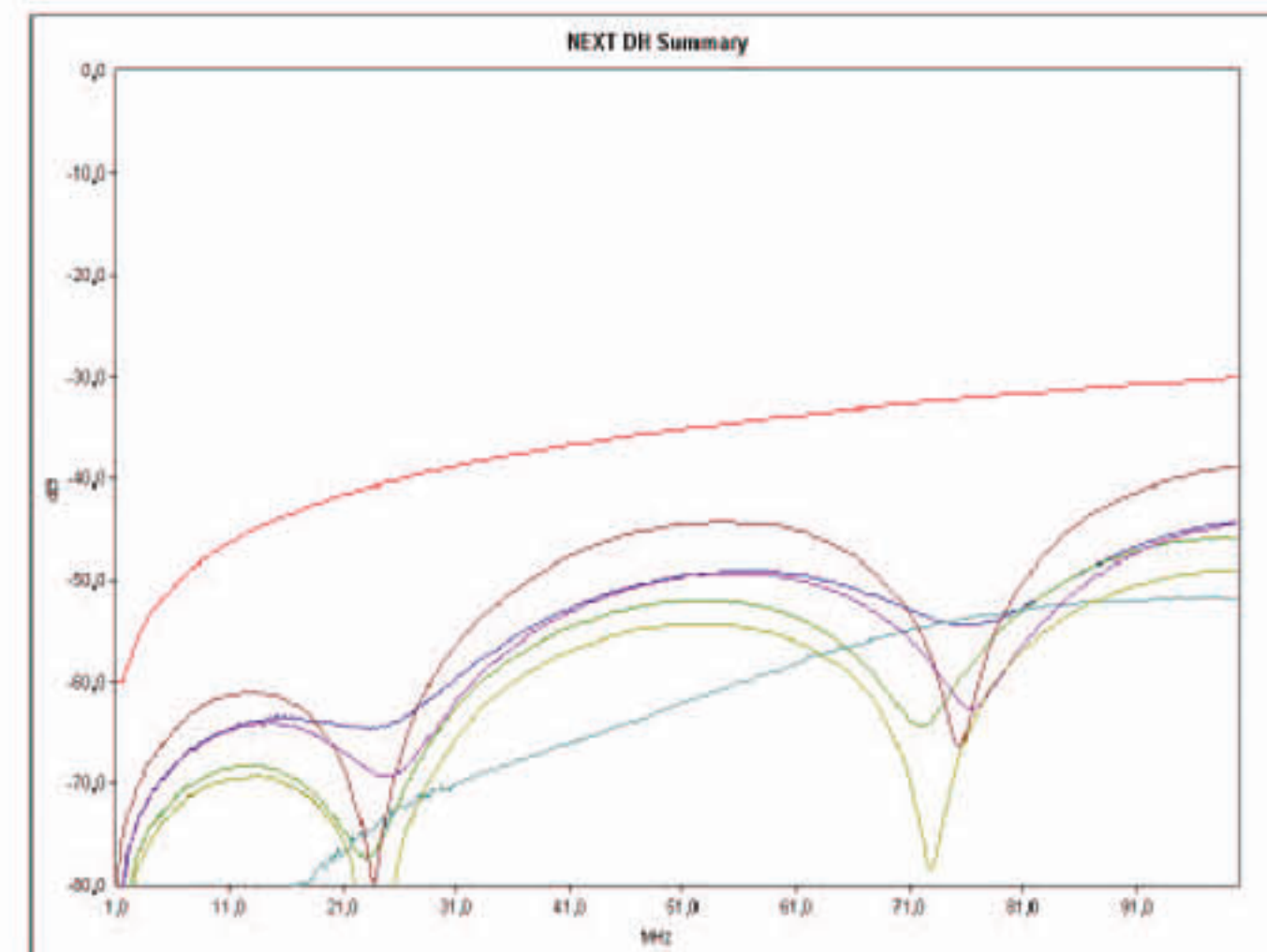
Electical Characteristics @ 20°C

Contact Resistance: 20 mohm max
 Input/Output resistance: 200 mohm max
 Input/Output resistance Unbalance: 50 mohm max
 Voltage rating: 230 Vrms max
 Insulation Resistance: 500M Ω /min @ 500 Vdc
 DC Resistance: 0.1 Ohm max

Frequency	Attenuation	NEXT	PSNEXT	ACR	PSACR	ELFEXT	PSELFEXT	RL
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
1	2.1	65.3	62.3	63.2	60.2	63.8	60.8	20.0
4	4.1	56.3	53.3	52.2	49.2	51.7	48.7	23.0
10	6.5	50.3	47.3	43.8	40.8	43.8	40.8	25.0
16	8.2	47.3	44.3	39.1	36.1	39.7	36.7	25.0
20	9.3	45.8	42.8	36.5	33.5	37.7	34.7	25.0
31.25	11.7	42.9	39.9	31.2	28.2	33.9	30.9	23.6
62.5	17.0	38.4	35.4	21.4	18.4	27.8	24.8	21.5
100	22.0	35.3	32.3	13.3	10.3	23.8	20.8	20.1
155		32.5	29.5					
200		30.8	27.8					



Return Loss



NEXT

Cod.	DESCRIPTION
E2040-05	FTP CAT.5e 0.5 M
E2040-1	FTP CAT.5e 1M
E2040-2	FTP CAT.5e 2M
E2040-3	FTP CAT.5e 3M
E2040-5	FTP CAT.5e 5M
E2040-10	FTP CAT.5e 10 M

Other sizes available upon request