

Patch Cord



Approvals

ANSI/TIA/EIA-568-B.1 CC Part 15, Subpart J, Class A (USA)
 ANSI/TIA/EIA-568-B.2 UL94 V-0 rated plastic materials
 ISO/IEC 11801 LSZH Construction
 EN-55022, Class B (Europe)

The Patch Cords complies and exceed the Cat.6 specifications.
 The Patch Cord fully conform to ANSI/TIA/EIA-568-B.2 -1 Category 6, CENELEC EN 50173 and ISO/IEC-11801 (2^o edition) requirements.

Applications

The Patch Cord bring you the optimum quality for your cabling installation. Patch Cords supports all available LAN applications.

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

Benefits and Features

Exceed Cat.6 requirements
 Exceeds Cat.6 requirements
 Supports Gigabit Ethernet
 High quality and cable design
 High Return Loss and NEXT Loss values
 High Electro-Magnetic Interference protection
 Comfortable cable handling by a smooth jacket

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	Insertion Loss	NEXT	FEXT	RL
MHz	dB	dB(min)	dB(min)	dB(min)
1	0.02	65.0	65.0	30.0
4	0.03	65.0	63.1	30.0
10	0.04	63.0	55.1	30.0
16	0.05	58.9	51.0	30.0
20	0.06	55.0	47.1	30.0
31.25	0.07	53.1	45.2	30.0
62.5	0.11	47.1	39.1	24.1
100	0.15	43.0	35.1	20.0