E20420

Cat.6 4 Pair FTP Patch Cord (LSZH)

Patch Cord

Approvals

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

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 (2º edition) requirements.

Applications

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

Benefits and Features

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

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 alluminium foil
Drain wire: 24 AWG solid tin-coated copper

Electical Characteristics @ 20ºC

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?/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