



ISO 9001:2000 Certified Company



Technical Data Sheet

Cat. 6 Patch cords

Teratronix Cat.6 patch cords are used for connecting the network equipment to patch panels and telecommunications outlets. They are suitable for transmission frequencies of up to 250 MHz.

Features of Cat. 6

Fulfill the requirements of Category 6, Class E(250 MHz) according to the present standard proposals of the ISO/IEC 11801 2nd Edition.

- Comply with the Category 6 specifications of the IEC 60603 -7-4.IEC 60603-7-5. components standard with the Cat.6 connection module
- Each individual patch cord is tested and marked with a quality stamp
- Can also be used as Cat.5e (backwards compatible)
- Colour coding for service identification.
- New Strain relief are provided with wide function
- Strain relief gem. TIA/EIA-568-B.1-1
- Labelling possible on the strain relief or on the color coding
- Lengths from 0.5 to 20 m available
- Impedance of 100ohm
- PVC, LSOH and LSFROH versions

Cat. 6 Patch Cords Date Sheet

Materials

Plug Housing :-UL 94-V0 polycarbonate

Contacts:- Phosphor bronze

ANDA Telecom Pvt. Ltd.

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Contact Plating -50 microinches(1.2µm) selective gold plate
Shielding Tin-plated brass

Electrical Characteristics

Current Rating:- 1.5 A (Maximum)@25°C
Voltage Rating :- 150 VAC (Maximum)
Dielectric Withstanding Voltage :- 1 min. (60 Hz)
Insulation Resistance:- 500 MO (minimum)

Mechanical Characteristics Environmental Characteristics

Plug Tolerances and Dimensions :- Compliant IEC 60603-7
Operating Temperature :- -10°C to 60°C

Patch cord Characteristic	Cat. 6	
	UTP	S-STP
Inner conductor diameter	Stranded copper 0.18mm	Stranded copper 0.14 mm
Number of pairs	4	4
Screen 1 pair	Non	Non
Outer screen	Non	Cu-braid +AL/polyester foil
Jacket	PVC or LSOH	PVC or LSFROH
Temperature range	-20 °c to +60°C	-20°C to +60°C
Overall diameter	5.1mm/5.6mm	5.5mm/6mm
Bend radius	25mm	30mm

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