

DATA PATCH CORD SERIES



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CAT6A UTP PATCH CORD

TMT Global Category 6a U/UTP patch cord are manufactured tested and complied with IEC 60332-1-2 EN 50173-1:2011 ISO/IEC11801:2011(Ed. 2.2) ANSI/TIA/EIA-568.2-D IEC61935-2:2010(Ed.3.0) EN 50173-2:2007 including amendment A1:2010 requirements for patch cord assemblies and provide high performance levels for structured cabling systems.

APPLICATION

10BASE-T, 100BASE-TX Fast Ethernet,
1000BASE-T (IEEE802.3)
100VG-AnyLAN (IEEE802.12)
550 MHz Broadband Video
Voice, T1, ISDN
155/ 622 Mbps ATM
Power over Ethernet (POE)

GENERAL SPECIFICATION

4 Pairs shielded Twisted Pair (UTP) Cable
Gold Plated: 30U"
Color Code: Aqua/Black/Blue/green/Grey/Orange/Red/Violet/White/Yellow r custom color
Length : 0.12/0.15/0.50/1/2/3/5/8/10/15/20/25/30/40/50/70/100/meter r custom Length
Contact blade: Phosphor Bronze
Insulation Material: HD-PE-PVC-LSZH
Jacket Material: PVC UL94V-0

PHYSICAL AND MECHANICAL PROPERTIES

Conductor Resistance: $\leq 5\Omega$ – $\leq 20\Omega$
Insulation Resistance: $\geq 10M\Omega$
Characteristic Impedance: 100 — 6 Ohm @ 1-250MHz -1-500 MHZ
Contact Resistance: 20 m Ohm max
Resistance unbalance: 2% max
Dielectric strength: 1000 volts/1 minute min rms
Cable to Plug Tensile Strength: 9 Kgf (90N) min
Durability: 750
Temperature Operating Range: -25°C to 70°C
Country Of Origin: Made in UAE

