

# DATA PATCH CORD SERIES



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## CAT6 STP PATCH CORD

TMT Global Category 6 STP 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 (STP) 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

