

TE Connectivity

Category 6A U/UTP Patch Cords



The TE Connectivity's (TE) Category 6A solution supports 10 Gigabit Ethernet over unshielded copper to a full 100 meters up to 500 MHz.

TE's Category 6A U/UTP patch cords are designed to maximise network performance and system uptime with integrated strain relievers that prevent cable from moving at the termination point. TE's unique manufacturing process compacts copper strands into a uniform circular shape, resulting in a patch cord with the flexibility of a stranded cord and the durability of a solid cord for optimum signal strength and maximum uptime.

Category 6A U/UTP patch cords are available in a variety of lengths, colors and sheath types.

FEATURES

- Meets or exceeds the channel specifications of ANSI/TIA-568-C.2 Category 6A and Amendment 1 to ISO/IEC 11801:2002 Class EA up to 500 MHz
- Patented technology to minimize the effects of alien crosstalk and insertion loss
- Supports 10 Gigabit Ethernet over unshielded copper to a full 100m up to 500MHz
- Stranded copper conductors in the cable pairs
- Flexible strain relief boot
- UL 1863 listed

BENEFITS

- Independent verification includes QA audits of manufacturing sites and random sample testing, which gives customers complete peace of mind
- Maximizes productivity levels with 10 times the data throughput of Category 6A
- Superior cable flexibility from stranded cores
- Boot maintains correct bend radius to ensure maximum performance
- True future proofing for tomorrow's network applications
- Covered by the TE Connectivity 25 Year Product Warranty*

EVERY CONNECTION COUNTS



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SPECIFICATIONS

Operating Temperature Range:	-20° to 75° C (-4° to 167° F)
RJ45 Plug Interface According to:	IEC 60603-7
Transmission Performance and Reliability:	ANSI/TIA-568-C.2 Category 6A Standards
Number of Plug Insertion Cycles:	≥ 750 (IEC/EN 60603-7)
Conductor:	24 AWG 7x32 stranded tinned copper
Jacket:	Lead free PVC
Bend Radius:	2 x outer diameter
Nominal Outer Diameter:	7.87 mm ± .13 mm (0.310" ± 0.005")
Safety Rating:	UL 1863
Flammability Rating:	UL 94 V-0

ORDERING INFORMATION

Product Description	Part Number
RJ45 to RJ45 patch cord	
568B wiring	6645-2-8X5-YY
568A wiring	6645-2-8X0-YY

Replace X for color:

0 = White 3 = Yellow

1 = Red 4 = Green

2 = Blue 6 = Gray

Replace YY for length:

04 = 4' 15 = 15'

07 = 7' 25 = 25'

10 = 10' 50 = 50'

Contact Customer Service for additional colors and custom lengths.

*Terms & Conditions apply

DATA SHEET



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