

TrueNet®

Category 5e Patch Cord



TrueNet Category 5e overmoulded patch cords from ADC KRONE have been 100% tested and independently verified at a component level (details on reverse).

The patch cord boot has been designed to protect the integrity of the termination within the plug and latch mechanism during Moves Adds and Changes (MACs). Its slim-line design and profile also make it suitable for maximising density at the patch panel and for use in space restricted locations, for example under floor raceway boxes and Multi User Telecommunication Outlet (MUTO) assemblies.

The patch cords are available with either LSZH or PVC sheaths in various core colours, which aid circuit identification within installations.

TrueNet Category 5e patch cords are available in standard T568B, T568A and crossover configurations. Before ordering patch cords, check the transmit and receive orientation of the hub and network interface card. Some manufacturers require a crossover of transmit and receive pairs; others have either the hub port or NIC card reversed in advance. Some can switch between the two.

Features

- 100% tested and independently verified at a component level
- Stranded copper conductors in cable pairs
- Flexible strain relief boot with latch protection
- Fully interoperable and backwards compatible
- Multiple colour options
- Low profile boot design

Benefits

- Guaranteed component performance
- Superior cable flexibility from stranded cores
- Boot maximises protection during MACs
- Colour options aid circuit identification
- Maximum density where space is restricted

TECHNICAL DATA






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Ordering Information

| Description | Cable Colour | Catalogue Number* |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|
| Category 5e Overmoulded Patch Cord RJ45 plug to RJ45 plug, T568B  | Blue UTP | 7063 7 6X1-YY |
| | Red UTP | 7063 7 6X2-YY |
| | Yellow UTP | 7063 7 6X3-YY |
| | Green UTP | 7063 7 6X4-YY |
| | Orange UTP | 7063 7 6X5-YY |
| | Grey UTP | 7063 7 6X7-YY |
| | | |
| Category 5e Overmoulded Patch Cord RJ45 plug to RJ45 plug, T568A  | Blue UTP | 7063 8 6X1-YY |
| | Red UTP | 7063 8 6X2-YY |
| | Yellow UTP | 7063 8 6X3-YY |
| | Green UTP | 7063 8 6X4-YY |
| | Orange UTP | 7063 8 6X5-YY |
| | Grey UTP | 7063 8 6X7-YY |
| | | |
| Category 5e Overmoulded Patch Cord RJ45 plug to RJ45 plug, crossover wired  | Blue UTP | 7063 7 6X1-YY |
| | Red UTP | 7063 7 6X2-YY |
| | Yellow UTP | 7063 7 6X3-YY |
| | Green UTP | 7063 7 6X4-YY |
| | Orange UTP | 7063 7 6X5-YY |
| | Grey UTP | 7063 7 6X7-YY |
| | | |

*Replace X in T568A/B with: Replace YY with:
 1 = PVC 2 = LSZH 04 = 1m 10 = 3m 25 = 7.5m
 Replace X in crossover with: 07 = 2m 15 = 5m 33 = 10m
 7 = PVC 8 = LSZH

Contact ADC KRONE for additional cable colours and lengths.

Technical Data

Operating temperature range: -10°C to 60°C
 RJ45 plug interface according to: IEC 60603-7 Series (=750 mechanical operations)
 Transmission performance and reliability: TIA-568-B.2 Category 5e
 ISO/IEC 11801:2007 Category 5
 EN 50173-1:2002 Category 5
 IEC/EN 61935-2
 Conductor: 24 (7x32) AWG stranded tinned copper
 Jacket: LSZH (EN 60754-1 & -2)
 Nominal outer diameter: UTP 5.0 mm ± 0.2 mm
 Safety rating: IEC/EN 60950
 LVD compliant
 Flammability rating: IEC 60332-1
 Testing requirements of connection technology according to ISO/IEC 11801 2nd Edition, ANSI/TIA/EIA-568-B.2 and EN 50173:2007.

All connecting hardware is tested individually and as part of a channel to ensure critical parameters of Powersummation, ACR-N, NEXT, ACR-F and Return Loss exceed the requirements specified in international standards.

TECHNICAL DATA



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