

# TrueNet®

## Category 5e F/UTP Patch Cord



Shielded TrueNet® Category 5e overmoulded patch cords from ADC KRONE have been 100% tested 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 shielded patch cords are available with either LSZH or PVC sheaths in various core colours, which aid circuit identification within installations.

Shielded TrueNet® Category 5e patch cords are available in standard T568B wiring configuration.

### Features

- 100% tested at a component level
- Shielded design (F/UTP)
- 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
- Part of the end-to-end shielded solution

TECHNICAL DATA



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## Ordering Information

| Description                                                                                                                                                                | Cable Colour | Catalogue Number |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|
| <b>Category 5e F/UTP Overmoulded Patch Cord LSZH</b><br><b>RJ45 plug to RJ45 plug</b><br> | Blue F/UTP   | 7063 2 641-YY    |
|                                                                                                                                                                            | Red F/UTP    | 7063 2 642-YY    |
|                                                                                                                                                                            | Yellow F/UTP | 7063 2 643-YY    |
|                                                                                                                                                                            | Green F/UTP  | 7063 2 644-YY    |
|                                                                                                                                                                            | Orange F/UTP | 7063 2 645-YY    |
|                                                                                                                                                                            | Grey F/UTP   | 7063 2 647-YY    |
|                                                                                                                                                                            | White F/UTP  | 7063 2 640-YY    |
| <b>Category 5e F/UTP Overmoulded Patch Cord PVC</b><br><b>RJ45 plug to RJ45 plug</b><br>  | Blue F/UTP   | 7063 2 631-YY    |
|                                                                                                                                                                            | Red F/UTP    | 7063 2 632-YY    |
|                                                                                                                                                                            | Yellow F/UTP | 7063 2 633-YY    |
|                                                                                                                                                                            | Green F/UTP  | 7063 2 634-YY    |
|                                                                                                                                                                            | Orange F/UTP | 7063 2 635-YY    |
|                                                                                                                                                                            | Grey F/UTP   | 7063 2 637-YY    |
|                                                                                                                                                                            | White F/UTP  | 7063 2 630-YY    |

Replace YY with:

|         |         |           |
|---------|---------|-----------|
| 04 = 1m | 10 = 3m | 25 = 7.5m |
| 07 = 2m | 15 = 5m | 33 = 10m  |

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<br>ISO/IEC 11801:2002 Category 5<br>EN 50173-1:2007 Category 5<br>IEC/EN 61935-2 |
| Conductor:                                                                                                                                                                                                                | 26 (7x32) AWG stranded copper                                                                            |
| Jacket:                                                                                                                                                                                                                   | LSZH (EN 60754-1 & -2)                                                                                   |
| Nominal outer diameter:                                                                                                                                                                                                   | 5.5mm                                                                                                    |
| Safety rating:                                                                                                                                                                                                            | IEC/EN 60950<br>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. |                                                                                                          |

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