

## Data Patch Cords

### ◎ Basic Features:

- ☆ Using 24, 26AWG 4 pairs UTP, FTP, STP patch cables.
- ☆ Cord Length: 1m to 15m for selection.
- ☆ Outer Jacket: PVC/FRPVC/LSZH.
- ☆ Two ends terminated with 50μ" gold plated RJ 45 plug by moulding in one motion.
- ☆ Pin assignment for RJ 45 plug follows the T568B wiring scheme.
- ☆ Being UL approved, the cords are compliant with TIA/EIA 568B, ISO/IEC-11801 Cat 5e/Cat 6 Standard.
- ☆ Wide range of cord colors for selection for meeting different color coding requirement, in compliant with EIA/TIA 606 standard. Cord colors: Yellow, Blue, Green, White, Orange, Purple, Red, Grey.
- ☆ Used for interconnection between patch panels and data jacks.

### ◎ Technical Parameters:

- ☆ Compatible with RJ45 plug.
- ☆ Impedance:  $100\Omega \pm 15\%$
- ☆ Diameter over conductor: 0.18mm
- ☆ Overall Diameter: 5.1mm (UTP Cat5e); 5.4mm (FTP Cat5e);  
6.0mm (UTP Cat6); 6.5mm (FTP/STP Cat6)
- ☆ Number of Pairs: 4 prs
- ☆ Minimum Insertion Cycle: 1000 cycles
- ☆ Minimum Plug Force: 30 lb
- ☆ Operating Temperature:  $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

### ◎ Product Highlights:

- ☆ Every patch cords are strictly tested for NEXT and return loss, complying to TIA/EIA 568 & ISO/IEC 11801 component standard. To ensure component compliancy, each patch cord will be individually tested with Fluke DSP-PCI patch cord adaptor for component testing.
- ☆ Contacts feature gold plating, complying with FCC part 68 F to achieve longer product life cycle.
- ☆ Twists are maintained within 1/2" (12.7mm) for superior NEXT performance. 37mm long boots are used to ensure the best bending radius and which are critical for achieving the best return loss performance.
- ☆ Durable plugs provide good resistance to corrosion, extreme temperature and air contaminants.
- ☆ Innovative 360 degree crimp can provide excellent strain relief and prevent the cord from pair deforming.
- ☆ Cat 6 patch cords are backward compatible with Cat5e and lower class products.
- ☆ Using stranded patch cable for better flexibility in accordance with EIA/TIA 606 standard.
- ☆ The RJ45 plugs and the cables are terminated with PVC injection moulding to prevent the plug and the plating parts to get oxidized.



Cat 5e UTP Patch Cord



Cat 5e FTP Patch Cord



Cat 6 UTP Patch Cord



Cat 6 FTP Patch Cord

## © Ordering Information:

Part No.	Description
AD-CAT5EUTP4PM001CM26A-XX	CAT 5e UTP, 1 Meter (26 AWG Stranded)
AD-CAT5EUTP4PM003CM26A-XX	CAT 5e UTP, 3 Meter (26 AWG Stranded)
AD-CAT5EUTP4PM005CM26A-XX	CAT 5e UTP, 5 Meter (26 AWG Stranded)
AD-CAT5EFTP4PM001CM26A-XX	CAT 5e FTP, 1 Meter (26 AWG Stranded)
AD-CAT5EFTP4PM003CM26A-XX	CAT 5e FTP, 3 Meter (26 AWG Stranded)
AD-CAT5EFTP4PM005CM26A-XX	CAT 5e FTP, 5 Meter (26 AWG Stranded)
AD-CAT6UTP4PM001CM26A-XX	CAT 6 UTP, 1 Meter (26 AWG Stranded)
AD-CAT6UTP4PM003CM26A-XX	CAT 6 UTP, 3 Meter (26 AWG Stranded)
AD-CAT6UTP4PM005CM26A-XX	CAT 6 UTP, 5 Meter (26 AWG Stranded)
AD-CAT6AUTP4PM001CM24A-XX	CAT 6A UTP, 1 Meter (24 AWG Stranded)
AD-CAT6AUTP4PM003CM24A-XX	CAT 6A UTP, 3 Meter (24 AWG Stranded)
AD-CAT6AUTP4PM005CM24A-XX	CAT 6A UTP, 5 Meter (24 AWG Stranded)
AD-CAT6FTP4PM001CM26A-XX	CAT 6 FTP, 1 Meter (26 AWG Stranded)
AD-CAT6FTP4PM003CM26A-XX	CAT 6 FTP, 3 Meter (26 AWG Stranded)
AD-CAT6FTP4PM005CM26A-XX	CAT 6 FTP, 5 Meter (26 AWG Stranded)
AD-CAT6ASTP4PM001CM27A-XX	CAT 6A STP, 1 Meter (27 AWG Stranded)
AD-CAT6ASTP4PM003CM27A-XX	CAT 6A STP, 3 Meter (27 AWG Stranded)
AD-CAT6ASTP4PM005CM27A-XX	CAT 6A STP, 5 Meter (27 AWG Stranded)

P.S.: Patch cord of 24, 26, 27AWG are available according to customer's requirements.

## © Ordering Options:

AD-AAAAA-BBB-CCC-DEEE-FFF-GG-XX

\*\*AAAAA\*\*: Cable Standard

CAT3, CAT5, CAT5e, CAT6, CAT6A

\*\*BBB\*\*: Cable Type Family

UTP = Unscreened Cable; FTP = Overall Screened Cable; STP= Individually Screened Cable

\*\*CCC\*\*: No of Cable Pairs

4P= 4 Pairs; 25P= 25 Pairs

\*\*DEEE\*\*: Length

F003=3 Feet; F005 =5 Feet; F007 = 7 Feet

M001=1 Meter; M002 =2 Meter; M003 = 3 Meter

\*\*FFF\*\*: Fire Performance Rating

CM=Normal PVC, CM grade; CMR= FRPVC, CMR Riser Grade; CMP=FEP, CMP Plenum Grade; FR=FRPVC, to IEC 60332-1; LH=LSZH grade, to IEC60754-1 & IEC 61034 P1/2

\*\*GG\*\*: Cable Gauge Size

24A = 24 AWG; 26A = 26 AWG

\*\*XX\*\*: Jacket Color

01=Yellow; 02=Blue; 03=Green 04=White; 05=Orange; 06=Purple; 07=Red; 08=Grey

