

Category 5E/6 Patch Cord

Type		UTP	FTP
Conductor	Material	Stranded Plain Copper	Stranded Plain Copper
	Composition	7/0.2mm or 7/0.16mm	7/0.16mm
	Gauge	24 AWG/26AWG	26 AWG
Insulation		Non plenum: Polyolefin	Non plenum: Polyolefin
		Plenum: FEP	Plenum: FEP
Screening	Material	NIL	Overall Aluminium /Polyester
			Individual Screened
Drain Wire	Material	NIL	7/0.16 mm
Jacket	Material	PVC/FRPVC/LSZH	PVC/FRPVC/LSZH
RJ45	Material	8P 8C RJ45 Unshielded	8P 8C RJ45 Shielded
Applicable Standard		CAT3/CAT 5/CAT5E/CAT6	CAT3/CAT 5/CAT5E/CAT6
Wiring		T568A or T568B	T568A or T568B



UTP CAT5E Patch Cord

Ordering Code

Example: AD-CAT5UTP4P F003CM26A-01
 CAT 5 UTP 4 pairs 26 AWG Stranded,
 CM grade, 3 feet long, Yellow Color

AD - AAAAA - BBB-CCC-D-EEE-FFF-GG-HH

HH	Jacket Color 01-Yellow; 02-Blue, 03-Green, 04-White 05-Orange, 06-Purple, 07-Red, 08-Grey Color code ended with A-IMAC coloring (For example: 01A)
GG	Cable Gauge Size 24A -24 AWG, 26A- 26 AWG
**FFF*	Fire Performance Rating CM - Normal PVC, CM grade CMR- FRPVC , CMR Riser Grade CMP - FEP, CMP Plenum Grade FR - FRPVC, to IEC 332-3C LH - LSOH grade, to IEC 754-1, IEC 1034 P1/2
EEE	Length F003 - 3 Feet, F005 -5 Feet, F007 - 7 Feet, M001 - 1 Meter, M002 -2 Meter, M003 - 3 meter,
D	Length Unit F-Foot or M-Meter
CCC	No of cable pairs 4P- 4 pairs, 25P- 25 pairs
BBB	Cable Type Family UTP - Unscreened Cable FTP- Overall Screened Cable
AAAA	Cable Standard CAT3/CAT5/CAT5E/CAT6



UTP CAT5E
long sleeve
Boot Patch cord



UTP CAT5E
Patch Cord



UTP CAT6 Patch Cord



FTP CAT5E Patch Cord

■ Patch Cord Solution

■ Cat 5E 110 Patch Cord

● Construction:

Cable Type CAT 5 or CAT 5E
 Connector Type 110 Connector or RJ 45 8 Port Plug
 Outer Jacket PVC/FRPVC/LSZH
 Applicable TIA/EIA 568A CAT 5/ CAT5E
 Standard

● Ordering Code

Example: AD-CAT5UTP4PF003CM26A-01-1A-4P
 CAT 5 UTP 4 pairs 26 AWG Stranded,
 CM grade, 3 feet long, Yellow Color
 110 to RJ 45 (T568A), 4 Prs

AD - AAAAA - BBB-CCC-D-EEE-FFF-GG-HH-II-J
 Ordering Method is the same as for UTP patch cords
 except for the inclusion of the connector type as follows:

II - Connector Type

1A 110 to RJ45 (T568A)

1B 110 to RJ45 (T568B)

11 110 to 110

J-Number of pair termination 1P-1Pr, 2P-2Prs, 3P-3Prs, 4P-4Prs

■ Cable Assemblies

● Construction:

Cable Type CAT 1, CAT3, CAT5, CAT5E
 Connector Type D Sub 9, 15, 25 Connector; RJ 45 8 Port
 Plug; 50 pin Telco connectors; V35 connectors
 Outer Jacket PVC/FRPVC/LSZH
 Applicable IEEE 802.3 10 Base-T
 Standard IEEE 802.5 Token Ring
 TIA/EIA 568-A

● Ordering Code

Example: AD-2M3FCAT3UTP25PF003CM26A - 01
 CAT 3 UTP 25 pairs 26 AWG Stranded,
 CM grade, 3 feet long, Yellow Color
 DB 15 Male to DB 25 Female

AD - AA-BB-CCCC - DDD-EEEE-F-GGG-HHH-II-JJ

JJ Jacket Color
 01-Yellow; 02-Blue, 03-Green, 04-White
 05-Orange, 06-Purple, 07-Red, 08-Grey
 II Cable Gauge 24A - 24 AWG, 26A- 26 AWG
 HHH Fire Performance Rating
 CM - Normal PVC, CM grade
 CMR- FRPVC, CMR Riser Grade
 CMP - FEP, CMP Plenum Grade
 FR - FRPVC, to IEC 332-3C
 LH - LSOH grade, to IEC 754-1, IEC 1034 P1/2
 FGGG Length
 F003 - 3 Feet, F005 - 5 Feet, F007 - 7 Feet,
 M001 - 1 Meter, M002 - 2 Meter, M003 - 3 meter,
 F Length Unit
 F-Foot or M-Meter
 EEEE No of cable pairs
 4P- 4 pairs, 25P- 25 pairs
 50P- 50 pairs, 100P-100pairs
 DDD Cable Type Family
 UTP - Unscreened Cable
 FTP- Overall Screened Cable
 CCCC Cable Standard
 CAT1/CAT3/ CAT5 / CAT5E
 BB Right Connector Type
 1-Db 9, 2-Db 15, 3-Db 25, 4-50 pin Telco
 5- RJ 45, 6- V35, M-Male, F-Female
 AA Left Connector Type
 1-Db 9, 2-Db 15, 3-Db 25, 4-50 pin Telco
 5- RJ 45, 6- V35, M-Male, F-Female



1, 2 & 4PR Connector



CAT5E 110 Patch Cord



CAT5E 110 1PR
patch cord



CAT5E 110-110
4PR Patch Cord

Color Coded Boots

Features

- Two - piece version allows removing from the existing terminated or molded patch cords at any time needed.
- Flexible strain relief could be adjusted to fit round cable with diameters ranging from 5.0 to 6.5mm.
- Fits over RJ-45 connectors (standard body).
- Boots could be offered with different color for matching with color of the patch cords and patch panel system.

Ordering Information

Part No.	Description	Cable O/D
AD-SR1-50-XX	One Piece Strain Relief for RJ45 plug	5.0mm
AD-SR1-55-XX	One Piece Strain Relief for RJ45 plug	5.5mm
AD-SR1-60-XX	One Piece Strain Relief for RJ45 plug	6.0mm
AD-SR1-65-XX	One Piece Strain Relief for RJ45 plug	6.5mm
AD-SR1-F-XX	One Piece Strain Relief	Flat cable
AD-SR2-60-XX	Two Piece Strain Relief for RJ45 plug	6.0mm
AD-SR2S-60-XX	Snap On Strain Relief for RJ45 plug	6.0mm

XX= Color Code: BK-Black RD-Red GN-Green
YL-Yellow BL-Blue WH-White
OR-Orange GY-Grey IV-Ivory



Color Coded boots



Snap On boot

Modular Plug

Features:

- Increased flexibility: Fit with stranded or solid cable.
- Eight- conductor modular plug works with round cable.
- Use with standard termination tools.
- Load bar eases wire insertion while maintaining 1/2" twist requirements.
- Clear plastic cover keeps the conductor colors/positions visible for termination.



One Piece Boot



- One Piece Boot
- Two Piece Boot
- Snap On Boot

Physical Specifications

- Beryllium Copper Contact: 3 to 50 micro inch (μ ") gold plated pins.
- Insertion Life Cycle: 1,000 cycles (minimum)

Electrical Specifications

- Insulation Resistance: 500M.Ω
- Dielectric Withstand Voltage: 500V AC



Transparent Modular Plug



RJ45 Color Plug

Ordering information

Part No.	Description
AD-MP-RJ11-44-AB	4P4C RJ-11 plug
AD-MP-RJ12-64-AB	6P4C RJ-12 plug
AD-MP-RJ12-66-AB	6P6C RJ-12 plug
AD-MP-RJ45-88-AB	8P8C RJ-45 plug
AD-MP-RJ45-88S-AB	8P8C RJ-45 plug, shielded

A-Gold plating option
3-3 μ " ; 6-6 μ " ; 15-15 μ ; 30-30 μ " ; 50-50 μ "
B-Body option
N- Normal body S- Short body



RJ45 Shielded Plug

Assignments

Identification	Color Code	T568A Pin Assignment	T568B Pin Assignment
Pair 1	White/Blue	5	5
	Blue	4	4
Pair 2	White/Orange	3	1
	Orange	6	2
Pair 3	White/Green	1	3
	Green	2	6
Pair 4	White/Brown	7	7
	Brown	8	8