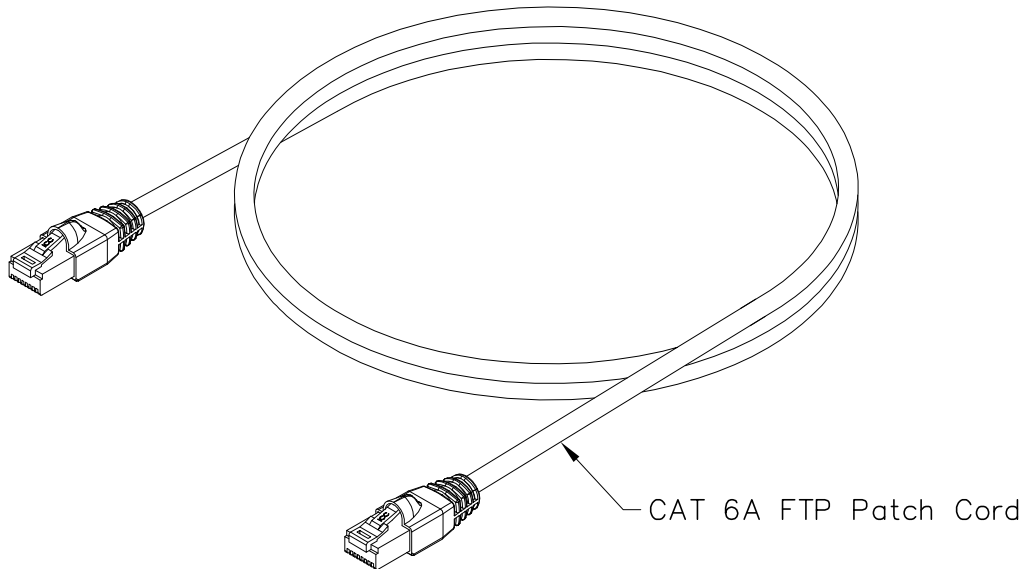


# Category 6A FTP Patch Cord

## PRODUCT SPECIFICATION

### Package includes:

A. CAT 6A FTP Patch Cord, 1 pc



### Features and Benefits:

- Component rated CAT 6A patch cords assuring high signal quality, minimal cross talk and return loss, and minimizing alien crosstalk and unwanted emissions
- Creates a high speed CAT 6A connection for cross and direct connects by patching cable runs to subsystems and equipment
- Designed with ultra slim low profile boots for high density applications without any compromise in performance
- Exceeds ANSI/TIA/EIA-568-B.2-10 draft for Category 6A connecting requirements
- Available in 3, 7, 10, and 14 FT

### PATCH CORD, CAT 6A, FTP

ITEM NO. SEE DETAIL ON PAGE 2

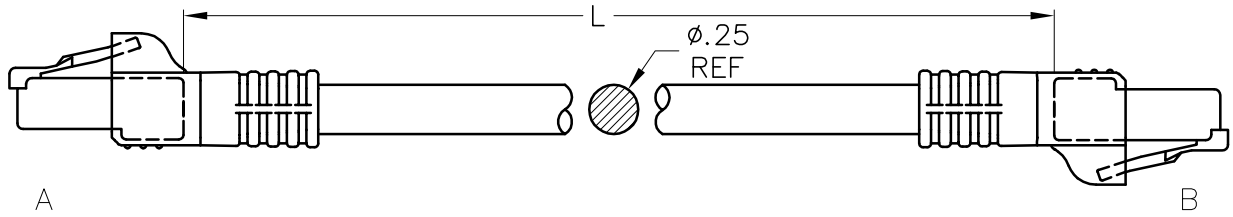
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**NOTES: UNLESS OTHERWISE SPECIFIED**

**1. ENVIRONMENTAL CONDITIONS**

TEMPERATURE RANGE

STORAGE: -40 TO +70°C

OPERATION: -10 TO +60°C

RELATIVE HUMIDITY (OPERATIONAL): MAXIMUM NONCONDENSING 93%

**2. ELECTRICAL:**

ELECTRICAL INSULATION RESISTANCE: 500 MEGAOHMS MIN. @100VDC

DIELECTRIC WITHSTANDING VOLTAGE: 1000V DC OR AC. PEAK, CONTACT TO CONTACT

1500V DC OR AC. PEAK, CONTACT TO TEST PANEL

CONTACT RESISTANCE:

20 MILLIOHMS

**3. MATERIAL:**

PLUG:-

HOUSING: UL LISTED 94V-0 FLAME-RETARDANT PC(POLYCARBONATE)

IDC BLADES: PHOSPHOR BRONZE

CONTACT AREA OF BLADES IS SELECTED PLATED WITH 50 MICRO-INCHES

OF HADG GOLDOVER 100MICRO-INCHES OF NICKEL

SHIELD: BRASS ALLOY PLATED WITH 100 MICRO INCH NICKEL

CORDAGE:-

JACKET DIMENSION: DIAMETER < 0.250"

CONSTRUCTION: CAT 6 FTP 26 AWG 7 STRANDED 4-PAIR COPPER WIRE CONDUCTOR.

HIGH DENSITY POLYTHYLENE INSULATION MATERIAL.

FIRE RETARDANT PVC COMPOUND JACKET.

**4. MECHANICAL:**

RETENTION: 50N(11lbf) FOR 60s+/-5s

INSERTION / EXTRACTION LIFE: 750 CYCLES MINIMUM

TENSILE STRENGTH: >= 20N PER WIRE

**5. COLORS: XX: BL-BLUE,**

WIRING DIAGRAM		
PLUG A	PLUG B	COLOR
1	1	WHITE/ORANGE
2	2	*ORANGE
3	3	WHITE/GREEN
4	4	*BLUE
5	5	WHITE/BLUE
6	6	*GREEN
7	7	WHITE/BROWN
8	8	*BROWN

\* A WHITE MARKING IS OPTIONAL

ITEM NO.	L(FT)	TOLERANCE(IN)
ICPCSG03XX	3	+1.5 -0
ICPCSG07XX	7	+2 -0
ICPCSG10XX	10	+3 -0
ICPCSG14XX	14	+3 -0



**PATCH CORD, CAT 6A, FTP**

ITEM NO. SEE DETAIL ABOVE

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