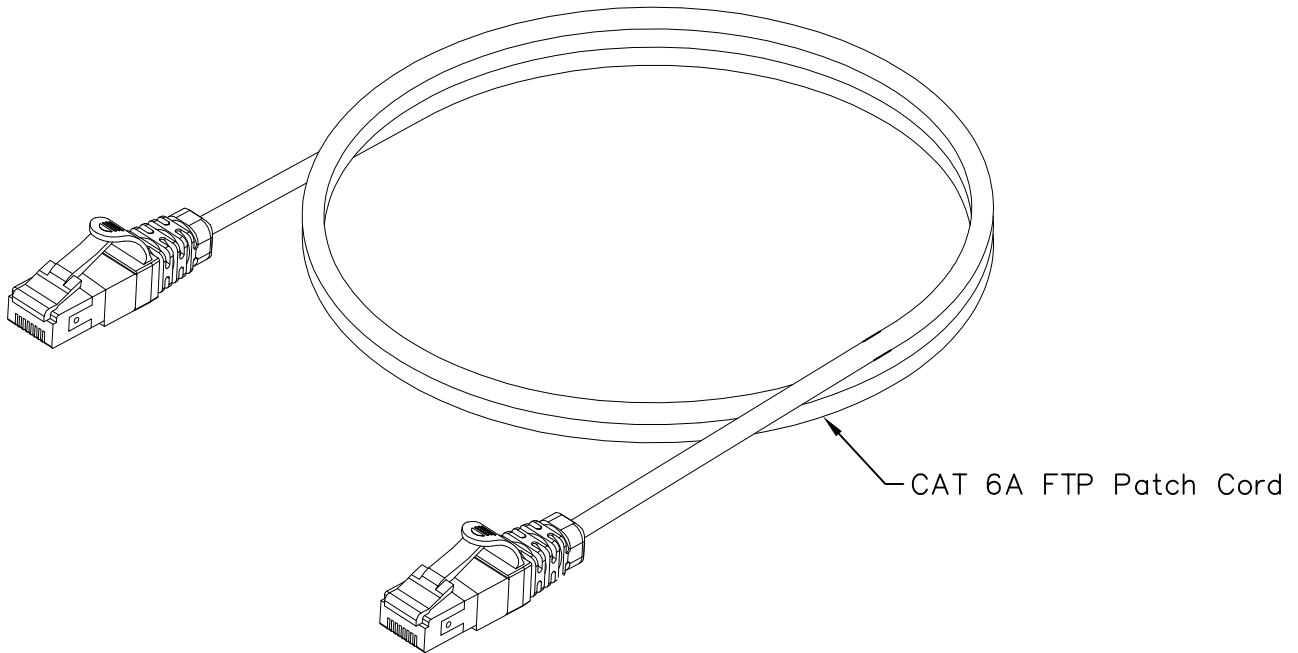


Category 6A FTP Patch Cord

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 a low profile snagless boots for high density applications without any compromise in performance
- Exceeds ANSI/TIA-568-C for Category 6A connecting requirements
- Available in 3, 5, 7, 10, 15, and 25 FT

PATCH CORD, CAT 6A, FTP

ITEM NO. SEE DETAIL ON PAGE 2

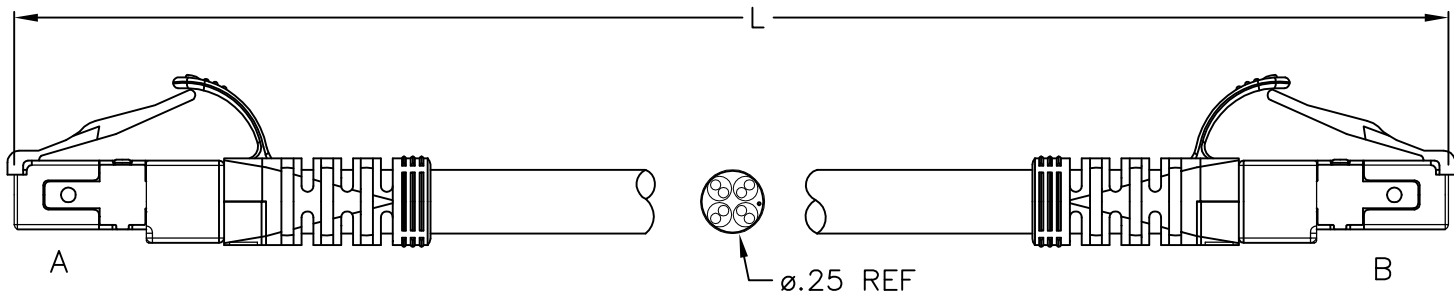
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NOTES: UNLESS OTHERWISE SPECIFIED

1. CONSTRUCTION:

A. CONDUCTOR:

- 4 TWISTED PAIR: BLUE, ORANGE, GREEN, BROWN
- 26 AWG (STRANDED BARE COPPER 7X0.152mm)

B. INSULATORS: HDPE (MIN. THICKNESS 0.153

C. INSULATORS DIAMETER: 1.03±0.10MM

D. ALUMINUM FOIL: 50u X 12MM

E. DRAIN WIRE: 7 X 0.152MM

F. JACKET: 75°C PVC

G. JACKET DIAMETER: 0.248"±0.006 (6.3±0.15MM)

H. SHIELDED MODULAR PLUG: 8P8C

CONTACT: PHOSPHOR BRONZE, 50u" GOLD PLATED

INSULATOR: POLYCARBONATE, UL94V-2

COLOR: NATURAL

I. BOOT: PVC

2. ELECTRICAL:

A. VOLTAGE RATING: 300V

B. TEMPERATURE RATING: 75°C

C. DIELECTRIC STRENGTH: DC 2.5 KV/2 SEC. OR AC 1.75 KV/2 SEC

D. MUTUAL CAPACITANCE: 5.6 nF/100M NOMINAL

E. PAIR TO GROUND: 300pf/100M MAX

F. CONDUCTOR DC RESISTANCE: 14.2 OHMS/KM MAX AT 25°C

G. DC RESISTANCE UNBALANCE: 4% MAX.

H. CHARACTERISTIC IMPEDANCE: 100±15 OHMS 1-500MHZ

I. PROPAGATION DELAY SKEW: 50ns/100M MAX. 1-500MHZ

J. VELOCITY OF PROPAGATION: 70%

3. MECHANICAL:

A. TENSILE STRENGTH: POLYOLEFIN 2400PSI, JACKET (PVC) 2000PSI

B. ELONGATION: POLYOLEFIN 300% MIN, JACKET (PVC) 100%MIN

4. STANDARDS:

A. ANSI/TIA-568-C (500 MHz)

B. ISO/IEC 61156-6

C. FLAME RATING: UL 444, CMH, CMX, CM, CMG, CMR, FT4

5. APPLICATION:

A. 10GBASE-T (IEEE 802.3an)

1000BASE-TX (TIA/EIA-854)

1000BASE-T (IEEE 802.3ab)

100BASE-TX (IEEE 802.3u)

10BASE-T (IEEE 802.3)

6. COLORS: XX: BK-BLACK, BL-BLUE, YL-YELLOW, WH-WHITE

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"
ICPCSG05XX	5	±1"
ICPCSG07XX	7	±1"
ICPCSG10XX	10	±1.5"
ICPCSG15XX	15	±1.5"
ICPCSG25XX	25	±1.5"

PATCH CORD, CAT 6A, FTP

ITEM NO. SEE DETAIL ABOVE

REV. B

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