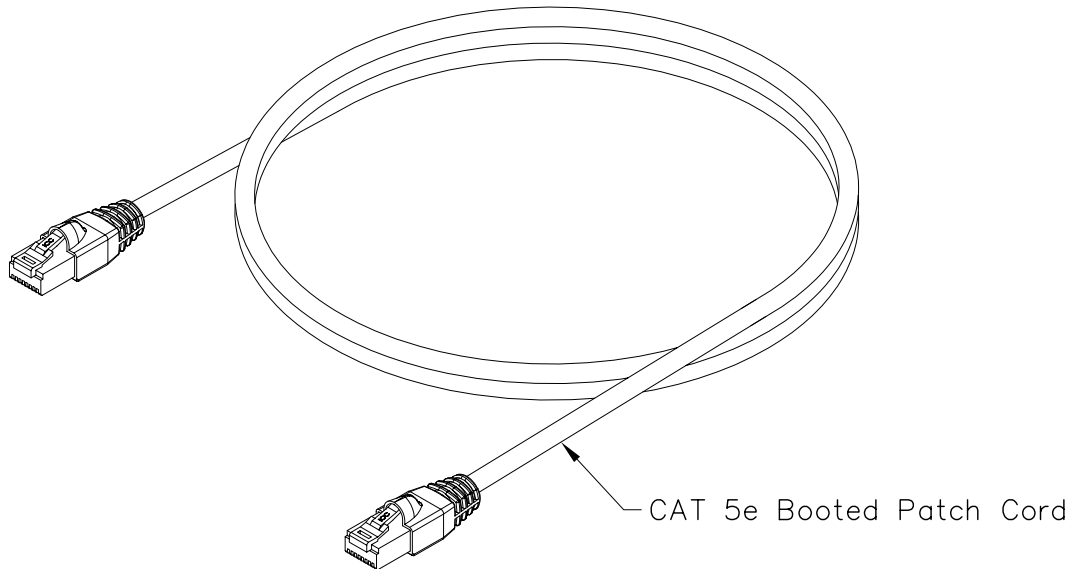


# Category 5e Booted Patch Cord

## PRODUCT SPECIFICATION

### Package includes:

A. CAT 5e Booted Patch Cord, 1 pc



### Features and Benefits:

- Channel rated CAT 5e patch cords assuring high signal quality, minimal cross talk and return loss, and minimizing noise and unwanted emissions
- Creates an ultra high speed CAT 5e circuit 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 Category 5e channel requirements
- Backwards compatible to all lower rated category components
- Used with IC107 CAT 5e modules and ICMPP CAT 5e patch panels
- Available in 1, 3, 5, 7, 10, 14, 20,. and 25 FT
- Available in black, blue, green, gray, orange, red, white, and yellow allowing easy and quick circuit identification
- Custom lengths available upon request
- UL listed

### PATCH CORD, CAT 5E BOOTED

ITEM NO. SEE DETAIL ON PAGE 2

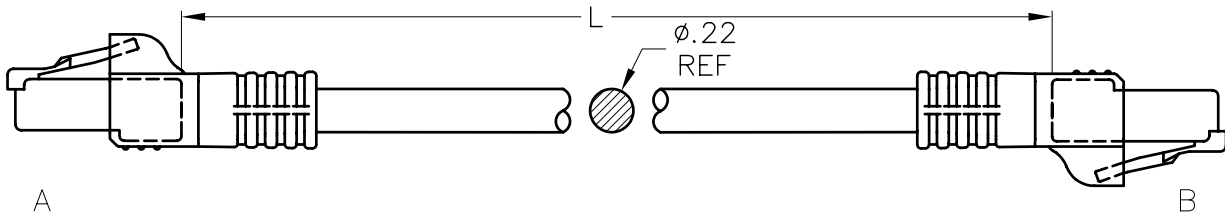
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**NOTE: UNLESS OTHERWISE SPECIFIED**

1. ELECTRICAL/PHYSICAL:

A. CABLE:

- TEMPERATURE RATING: 75°C MAX
- WT./M/NOM, NET: 20.0 LBS
- CAPACITANCE, MUTUAL: 17.1 PF/FT AT 1 MHZ
- DIELECTRIC WITHSTANDS: 1000V RMS MIN
- VOLTAGE RATING: 30V MAX
- D.C. RESISTANCE: 28.5 OHMS MAX
- NOMINAL IMPEDANCE CHARACTERISTIC: 100.0 OHMS ±15 @ 1 TO 100 MHZ

B. MODULAR PLUG:

- UL APPLICATIONS: 250 VOLTS MAX, AT 2 AMPS
- RESISTANCE OF INSULATION: 500 MOHMS
- RESISTANCE OF TERMINATION: 35 MILLIOHMS MAX AFTER 20°C
- DIELECTRIC WITHSTANDING VOLTAGE: 500 VOLTS AC

2. MECHANICAL:

- A. CABLE-TO-PLUG TENSILE STRENGTH: 20 LBS [89N] MIN
- B. DURABILITY: 200 MATING CYCLES MIN

3. MATERIAL & FINISH:

A. CABLE: CATEGORY 5E PATCH CABLE

- JACKET:
  - MATERIAL: PVC
  - OVERALL DIAMETER: 0.220"
  - AVERAGE THICKNESS: 0.020"
- INSULATION:
  - MATERIAL: HIGH DENSITY PE
  - OVERALL DIAMETER: 0.038"
  - AVERAGE THICKNESS: 0.007"
  - COLOR: WHT/BLUExBLUE/WHT, WHT/ORANGExORANGE/WHT  
WHT/GREENxGREEN/WHT, WHT/BROWNxBROWN/WHT
- CONDUCTOR: 24 AWG (7X32) UL RATED, TINNED COPPER WIRE, STRANDED
- PERFORMANCE RATING: CATEGORY 5E

B. MODULAR PLUG: UL AND cUL RECOGNIZED

- HOUSING: PC, UL 94V-0
- COLOR: CLEAR
- CONTACT: PHOSPHOR BRONZE, 0.014" THICK
- GOLD PLATING: 1.27 MICRONS/50 MICRO INCH MIN ON CONTACTS
- NO. OF CONTACTS: 8

C. STRAIN RELIEF:

- MATERIAL: PVC, UL 94V-0

4. COLOR: XX: BK-BLACK, BL-BLUE, GN-GREEN, GY-GRAY, OR-ORANGE, RD-RED, WH-WHITE, & YL-YELLOW

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

CATEGORY 5e CHANNEL REQUIREMENTS										
FREQUENCY (MHz)	1.0	4.0	8.0	10.0	16.0	20.0	25.0	31.25	62.5	100.0
NEXT LOSS (db)	60.0	53.5	48.6	47.0	43.6	42.0	40.3	38.7	33.6	30.1
PSNEXT LOSS (db)	57.0	50.5	45.6	44.0	40.6	39.0	37.3	35.7	30.6	27.1
PSELFEXT LOSS (db)	54.4	42.4	36.3	34.4	30.3	28.4	26.4	24.5	18.5	14.4
ELFEXT LOSS (db)	57.4	45.4	39.3	37.4	33.3	31.4	29.4	27.5	21.5	17.4
RETURN LOSS (db)	17.0	17.0	17.0	17.0	17.0	17.0	16.0	15.1	12.1	10.0
INSERTION LOSS (db)	2.2	4.5	6.3	7.1	9.1	10.2	11.4	12.9	18.6	24.0

ITEM NO.	L(FT)	TOLERANCE(IN)
ICPCS901XX	1	+1.5 -0
ICPCS903XX	3	+1.5 -0
ICPCS905XX	5	+2 -0
ICPCS907XX	7	+2 -0
ICPCS910XX	10	+3 -0
ICPCS914XX	14	+3 -0
ICPCS920XX	20	+4 -0
ICPCS925XX	25	+4 -0

UL US FILE NO. 125268

**PATCH CORD, CAT 5E BOOTED**

ITEM NO. SEE DETAIL ABOVE

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