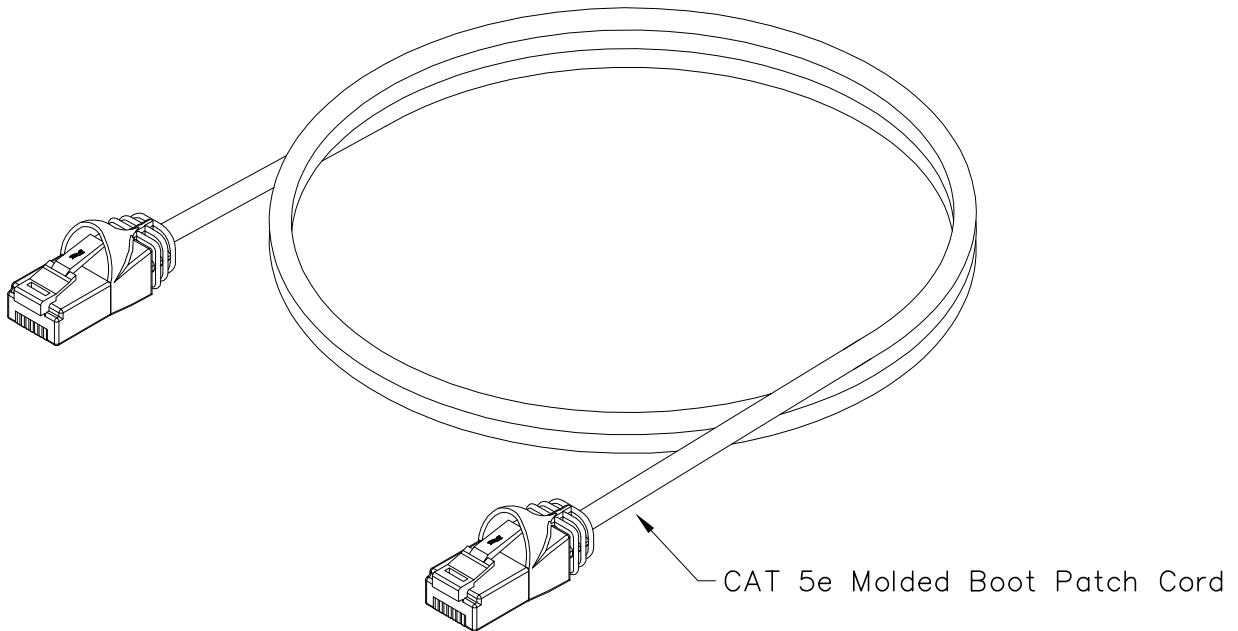


Category 5e Molded Boot Patch Cord

PRODUCT SPECIFICATION

Package includes:

A. CAT 5e Molded Boot Patch Cord, 1 pc



Features and Benefits:

- Performance, design, and value.
- 100 % Factory Tested , 50 Micro Inch Gold plated contacts .
- Component Rated and exceeds ANSI/TIA/EIA-568B.2 connecting hardware requirements .
- Ultra Slim Low Profile boots for high density applications, no width wasted on boot.
- Backwards compatible to all lower rated category components.
- Constructed with Ultra Flexible, EZ release, Snag Free Molded Strain relief .
- Stranded 24 AWG copper wire (No substandard tinned copper materials used) .
- Safety: UL listed with 94V-0 rated plugs, CSA, CMG, FT4 Flame rated.
- Available in 8 colors (Blue, Black, Green, Gray, Orange, Red, White, Yellow) .
- Available in 7 lengths (1, 3, 5, 7, 10, 14, 25 ft) .

PATCH CORD, CAT 5E, MOLDED BOOT

ITEM NO. SEE DETAIL ON PAGE 2

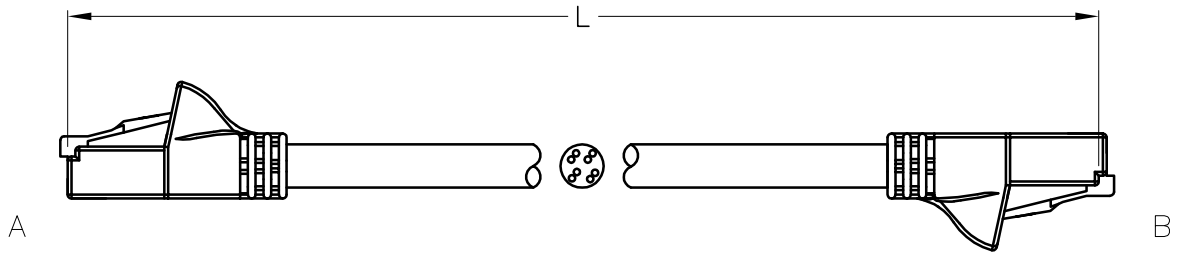
REV. B

DWG NO. PSPCSJ0000

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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)
ICPCSJ01XX	1	+1.5 -0
ICPCSJ03XX	3	+1.5 -0
ICPCSJ05XX	5	+2 -0
ICPCSJ07XX	7	+2 -0
ICPCSJ10XX	10	+3 -0
ICPCSJ14XX	14	+3 -0
ICPCSJ25XX	25	+4 -0

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: 0.204" +/- 0.008"
- AVERAGE THICKNESS: 0.020"
- TYPE CMG FT4

-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: 60P PVC, UL 94V-0

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

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

UL US FILE NO. 125268

PATCH CORD, CAT 5E, MOLDED BOOT

ITEM NO. SEE DETAIL ABOVE

REV. B

DWG NO. PSPCSJ0000

PAGE NO. 2

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