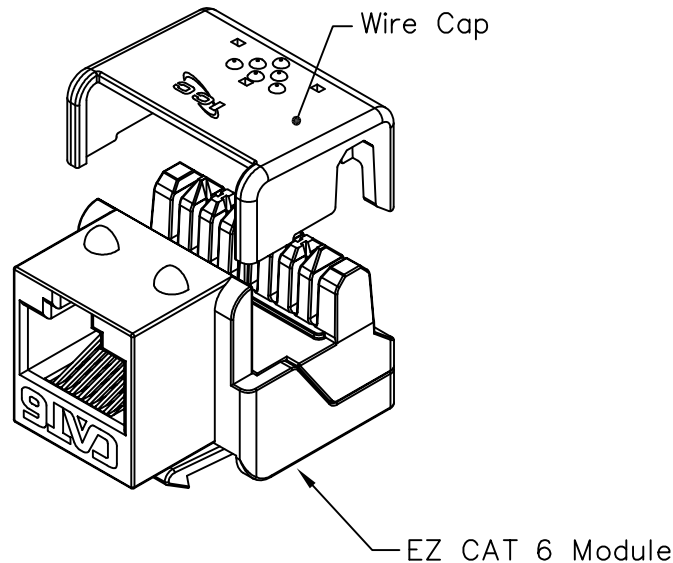


8P8C EZ Category 6 Module

PRODUCT SPECIFICATION

Package includes:

- A. 8P8C EZ Category 6 Module, 1 pc
- B. Wire Cap, 1 pc



Features and Benefits:

- CAT 6 rated connectors provide excellent performance for data networks requiring maximum speed and bandwidth.
- PCB technology provides maximum performance and superior signal quality.
- Enhanced crosstalk cancellation reduces return loss and improves performance by rejecting noise and unwanted signals.
- Exceeds ANSI/TIA-568-C.2 Category 6 connecting hardware requirements.
- Engineered to provide 110 IDC in-line, in-sequence termination reducing installation time.
- Pair-to-Pair wiring for easy termination and best performance.
- Includes an integrated TIA-568A/B color wiring diagram.
- Backwards compatible to all lower rated category components.
- Compatible with all IC107 faceplates, inserts, surface mount boxes, and blank patch panels.
- Compatible with all IC108 furniture faceplates, bezels, and surface mount boxes.
- Used with ICC Category 6 ICPCSK and ICPCSJ series patch cords and 110 punch down tool ICACSPDT00.
- Available in almond, black, blue, gray, green, ivory, orange, purple, red, white, and yellow.
- UL listed.

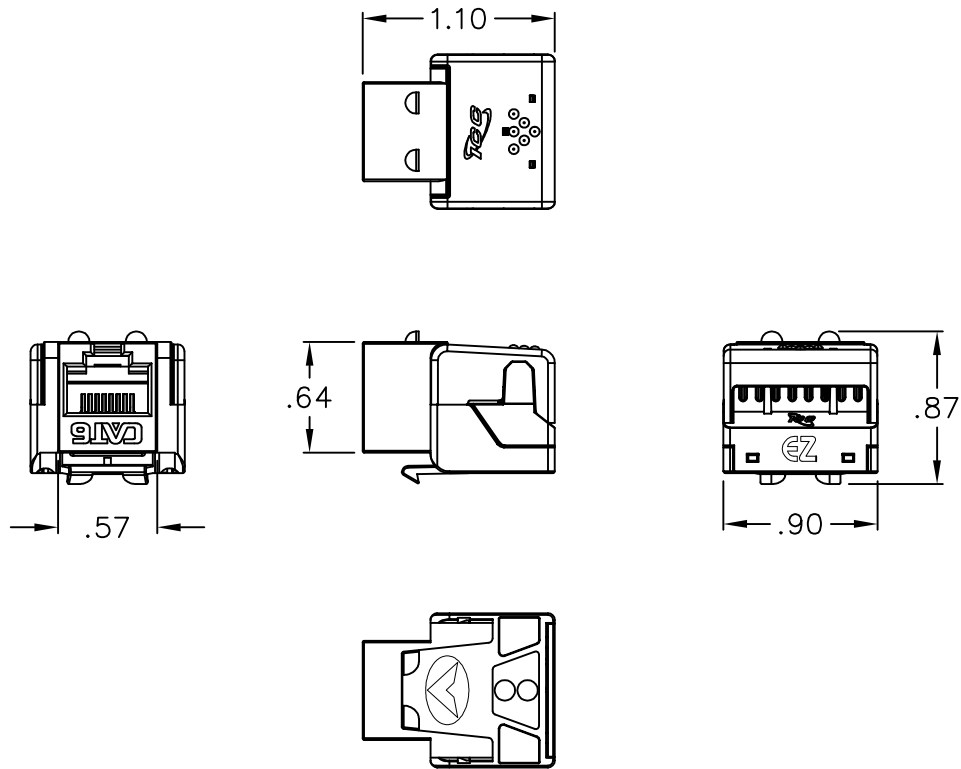
MODULE, CAT 6, EZ

ITEM NO. IC1078L6XX
DWG NO. PS1078L600

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T568B WIRING

| | |
|---|--------------|
| 1 | WHITE/ORANGE |
| 2 | ORANGE |
| 5 | WHITE/BLUE |
| 4 | BLUE |
| 3 | WHITE/GREEN |
| 6 | GREEN |
| 7 | WHITE/BROWN |
| 8 | BROWN |

T568A WIRING

| | |
|---|--------------|
| 1 | WHITE/GREEN |
| 2 | GREEN |
| 5 | WHITE/BLUE |
| 4 | BLUE |
| 3 | WHITE/ORANGE |
| 6 | ORANGE |
| 7 | WHITE/BROWN |
| 8 | BROWN |

NOTE: UNLESS OTHERWISE SPECIFIED

1. CAT 6 MODULE:

A. ELECTRICAL:

- CURRENT RATING: 1.5 AMPS
- INSULATION RESISTANCE: 500 MOHMS MIN
- CONTACT RESISTANCE: 20 MOHMS MAX
- DC RESISTANCE: 0.1 OHM MAX
- TRANSMISSION PERFORMANCE EXCEEDS CATEGORY 6 CONNECTING HARDWARE REQUIREMENTS SPECIFIED IN ANSI/TIA-568-C.2 WHEN USED WITH COMPATIBLE HORIZONTAL CABLE

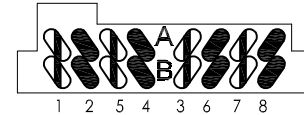
B. MECHANICAL:

- PLUG INSERTION LIFE: 750 CYCLES MIN
- PLUG & JACK CONTACT FORCE: 100 GRAMS MIN USING FCC APPROVED PLUG
- PLUG RETENTION FORCE: 30 LBS MIN
- TEMPERATURE: -40° TO 150° F (-40° TO 68° C)

C. PHYSICALS:

- HOUSING: HIGH IMPACT, FLAME RETARDANT PLASTIC, UL 94V-0
- JACK WIRING: 50 MICRO INCHES OF GOLD OVER 100 INCHES OF NICKEL
- CONNECTOR: INSULATION DISPLACEMENT CONNECTOR (IDC) ACCEPTS 22~24 AWG SOLID WIRE

D. COLORS: XX: AL-ALMOND, BK-BLACK, BL-BLUE, GN-GREEN, GY-GRAY, IV-IVORY, OR-ORANGE, PR-PURPLE, RD-RED, WH-WHITE, & YL-YELLOW



| CATEGORY 6 CONNECTING HARDWARE REQUIREMENTS | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|-------|------|------|------|------|
| FREQUENCY (MHz) | 1.0 | 4.0 | 8.0 | 10.0 | 16.0 | 20.0 | 25.0 | 31.25 | 62.5 | 100 | 200 | 250 |
| NEXT LOSS (db) | 75.0 | 75.0 | 75.0 | 74.0 | 69.9 | 68.0 | 66.0 | 64.1 | 58.1 | 54.0 | 48.0 | 46.0 |
| FEXT LOSS (db) | 75.0 | 71.1 | 65.0 | 63.1 | 59.0 | 57.1 | 55.1 | 53.2 | 47.2 | 43.1 | 37.1 | 35.1 |
| RETURN LOSS (db) | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 28.1 | 24.0 | 18.0 | 16.0 |
| INSERTION LOSS(db) | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.16 | 0.20 | 0.28 | 0.32 |

UL US FILE NO. 125268

MODULE, CAT 6, EZ

ITEM NO. IC1078L6XX
DWG NO. PS1078L600

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