

**Modular Cable Plug to Plug 8p8c (RJ45,  
Ethernet) 0.50' (152.4mm) Double Shielded**

**RoHS  
Compliant**

Stock No.: CAT8-00PU

**FEATURES**

- Strain Relief
- S/FTP
- 24 AWG
- Stranded Copper



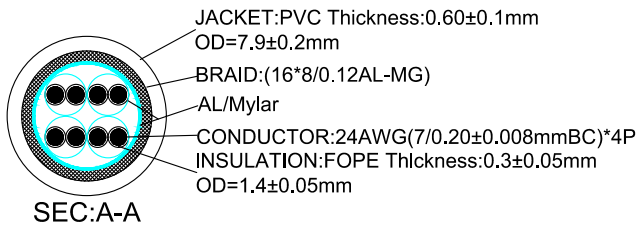
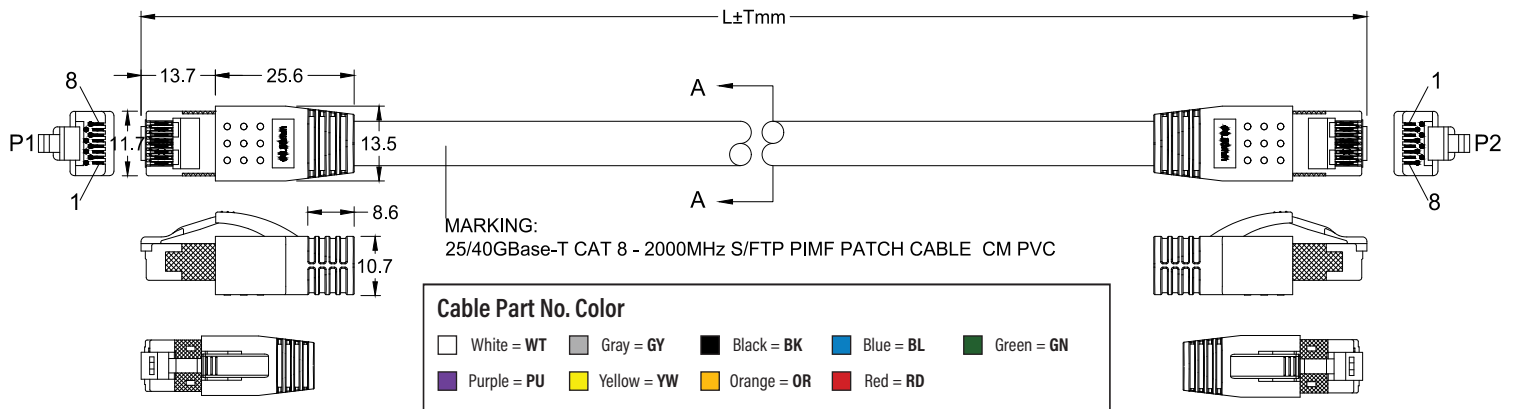
**Product Description**

Cat.8 Ethernet Network Cables are capable to reach up to 40Gbps transfer speeds and up to 2GHz bandwidth using copper conductors and RJ45 connectors. Cat.8 patch cables are backwards compatible with all categories Cat.5E, Cat.6, Cat6A, Cat.7.

**General Specifications**

| Attribute                            | Value                          |
|--------------------------------------|--------------------------------|
| Terminated/Unterminated              | Terminated                     |
| Connector Type                       | RJ45                           |
| Cable Type                           | Ethernet                       |
| Length                               | 0.50' (152.4mm)                |
| Gauge                                | 24 AWG                         |
| Conductor                            | Bare Copper                    |
| Shield/Unshielded                    | Shielded                       |
| Voltage Rating                       | 30V                            |
| 1.0 - 2000MHz Impedance ( $\Omega$ ) | 100 $\pm$ 15                   |
| Maximum Operating Frequency          | 2000MHz                        |
| Operating & Storage Temp.            | -40°C to 60°C   -40°F to 140°F |
| Installation Temp.                   | -20°C to 60°C   -4°F to 140°F  |
| Jacket Color                         | Purple                         |

## Product Drawing



| PINOUT |              |    |
|--------|--------------|----|
| P1     | WIRE         | P2 |
| 1      | WHITE/ORANGE | 1  |
| 2      | ORANGE       | 2  |
| 3      | WHITE/GREEN  | 3  |
| 6      | GREEN        | 6  |
| 5      | WHITE/BLUE   | 5  |
| 4      | BLUE         | 4  |
| 7      | WHITE/BROWN  | 7  |
| 8      | BROWN        | 8  |
| S      | SHIELDED     | S  |

|              |              |
|--------------|--------------|
| orange 1     | green 2      |
| white/orange | white/orange |
| blue 3       | brown 4      |
| white/blue   | white/brown  |

| ③   | RJ45 PLUG | 8P8C 50U' GOLD PLATED TWO-PIECE PLUG; SHIELDED NICKEL PLATING             |     |      |
|-----|-----------|---------------------------------------------------------------------------|-----|------|
| ②   | MOLDED    | Assembled boot                                                            |     |      |
| ①   | CABLE     | CAT8 S/FTP [1P/24AWG(7*0.20BC)+AL]*4+BRAID(16*8/0.12AL-MG) OD=Ø7.9±0.20MM |     |      |
| NO. | PART NAME | SPECIFICATION DESCRIPTION                                                 | QTY | UNIT |

Dimensions: Millimeters (Inches)

## Part Number Table

| Part Number | Description                                                                      |
|-------------|----------------------------------------------------------------------------------|
| CAT8-00PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 0.50' (152.4mm) Double Shielded |
| CAT8-01PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 1.00' (304.8mm) Double Shielded |
| CAT8-02PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 2.00' (609.6mm) Double Shielded |
| CAT8-03PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 3.00' (914.4mm) Double Shielded |
| CAT8-05PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 5.00' (1.52m) Double Shielded   |
| CAT8-07PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 7.00' (2.13m) Double Shielded   |
| CAT8-10PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 10.00' (3.05m) Double Shielded  |
| CAT8-15PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 15.00' (4.57m) Double Shielded  |
| CAT8-25PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 25.00' (7.62m) Double Shielded  |
| CAT8-35PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 35.00' (10.67m) Double Shielded |
| CAT8-50PU   | Modular Cable Plug to Plug 8p8c (RJ45, Ethernet) 50.00' (15.24m) Double Shielded |

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