

**Modular Cable Plug to Plug 8p8c (RJ45,  
Ethernet) 50.00' (15.24m) Double Shielded**

**RoHS  
Compliant**

Stock No.: CAT8-50WT

**FEATURES**

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



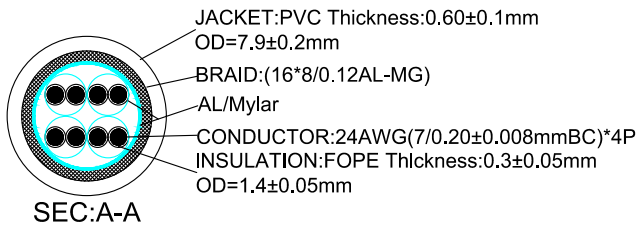
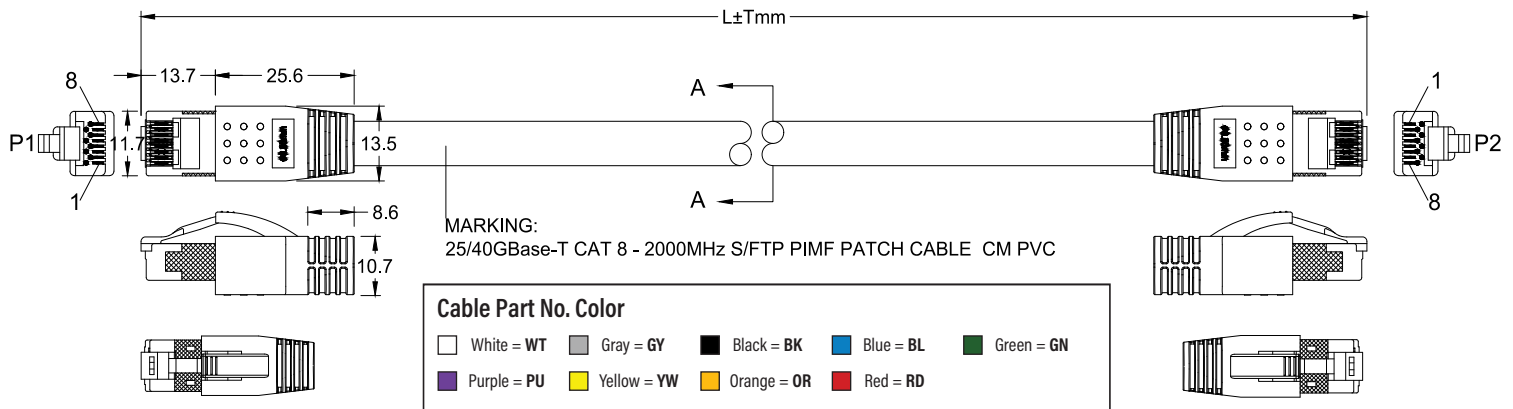
**Product Description**

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                               | 50.00' (15.24m)                |
| 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                         | White                          |

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

Important Notice: This data sheet and its contents (the "Information") belong to the members of the EASE group of companies (the "Group") or are licensed to it. No license is granted for the use of it other than for information purposes in connection with the products to which it relates. No license of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate, but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. EASE is the registered trademark of Ease Electronics Co., Limited 2019.