

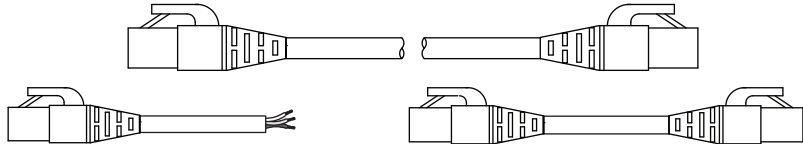
RJ45 Cordset

Specifications

| | |
|-------------------------------|---|
| Certifications | UL Listed |
| Connectors | RJ45 Male to RJ45 Male, Cat 6 |
| Cable Type | Unshielded 4- and 8-conductor, 24 AWG, Industrial Cat5e Shielded 8-conductor 26 AWG Industrial Cat5e |
| Enclosure Type Rating | IP20 |
| Nominal Outer Diameter | 5.84 mm (0.23 in.) |
| Operating Temperature [C (F)] | -20...+60 ° (-4...+140 °) |
| Voltage | 300V |

Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



Example of Cordset

Example of Patchcord

Features

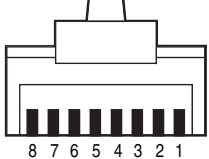
- Flex rated TPE, PVC, and Plenum cables for various applications
- Teal or red cable jacket
- Rugged strain relief and latch mechanism to maintain network integrity
- Suitable environments M₁L₁C₂E₂

Product Selection

Cordset

| Shielding | Cable Type | Cat. No.* |
|-------------------------|---------------------------------|---------------------|
| Unshielded twisted pair | 4 conductor, teal high-flex TPE | 1585J-M4TB-2 |
| | 8 conductor, teal high-flex TPE | 1585J-M8TB-2 |
| | 8 conductor, red high-flex TPE | 1585J-M8VB-2 |
| | 8 conductor, teal riser PVC | 1585J-M8PB-2 |
| | 8 conductor, red plenum PVC | 1585J-M8MB-2 |
| Foil and braided shield | 8 conductor, teal riser PVC | 1585J-M8CB-2 |
| | 4 conductor, teal high-flex PUR | 1585J-M4UB-2 |
| | 8 conductor, teal high-flex PUR | 1585J-M8UB-2 |
| | 8 conductor, teal 600V PVC | 1585J-M8HB-2 |
| | 8 conductor, red 600V PVC | 1585J-M8EB-2 |

Pinout

| | | Face View RJ45 Pinout | | | |
|------------|-------|--|--|--|--|
| | | 8-Pin | | | |
| | |  | | | |
| Color Code | 8-Pin | | 4-Pin | | |
| | A | 1 White/Orange 2 Orange 3 White/Green 4 Blue 5 White/Blue 6 Green 7 White/Brown 8 Brown | TxData + TxData - Recv Data + Unused Unused Recv Data - Unused Unused | 1 White/Orange 2 Orange 3 White/Green 4 NA 5 NA 6 Green 7 NA 8 NA | TxData + TxData - Recv Data + — — Recv Data - — — |

Patchcords

| No. of Conductors | Jacket Material | Cable Type | Cable Rating | Cat. No.* | |
|-------------------|-----------------------|-------------------------|--|-------------------------------------|-----------------------|
| 4 | Teal high-flex TPE | Unshielded twisted pair | Weld splatter, sun light and oil resistant; UL CMG, CMX; cUL CMG; Standard TIA 568-B, flex rated | 1585J-M4TBJM-2 | |
| | Teal high-flex TPE | | | 1585J-M8TBJM-2 | |
| Red high-flex TPE | 1585J-M8VBJM-2 | | | | |
| Teal Riser PVC | 1585J-M8PBJM-2 | | | | |
| 8 | Red Plenum | | 1585J-M8MBJM-2 | UL CMR; cUL CMG; Standard TIA 568-B | 1585J-M8PBJM-2 |
| | Teal high-flex PUR | | C(ETL)US TYPE CMX; TIA 568-B, flex-rated, halogen-free | UL CMP; cUL CMP; Standard TIA 568B | 1585J-M8MBJM-2 |
| | Teal Riser, PVC | | UL CMR; CUR CMG, TIA B | | 1585J-M8CBJM-2 |
| | Teal high-flex PUR | | C(ETL)US TYPE CMX; TIA 568-B, flex-rated, halogen-free | | 1585J-M8UBJM-2 |
| 4 | Teal high-flex PUR | Foil and braided shield | (UL) CMX, CMR; c(UL) CMG; (UL) PLTC or AWM 2570 80 °C 600V; TIA-568-B | 1585J-M4UBJM-2 | |
| | Teal Riser, PVC | | | 1585J-M8HBJM-2 | |
| | Teal 600V PVC | | | 1585J-M8EBJM-2 | |
| 8 | Teal 600V PVC | | 1585J-M8EBJM-2 | | |
| | Red 600V PVC | | | | |

* Replace -2 (2 m) with 5 (5 m) or 10 (10 m) for additional standard cable lengths.

Accessories

| Description | Cat. No. |
|--|--------------|
| RJ45 insulation displacement connector (IDC) | 1585J-M8CC-H |
| RJ45 crimp connector with boot * | 1585J-M8CC-C |

* One item includes a quantity of 50.