

RJ45 Cordset

### 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 M<sub>1</sub>L<sub>1</sub>C<sub>2</sub>E<sub>2</sub>

### Product Selection

#### Cordset

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

#### 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	<b>1585J-M4TBJM-2</b>
8	Teal high-flex TPE			<b>1585J-M8TBJM-2</b>
	Red high-flex TPE			1585J-M8VBJM-2
	Teal Riser PVC			<b>1585J-M8PBJM-2</b>
8	Red Plenum		UL CMP; cUL CMP; Standard TIA 568B	1585J-M8MBJM-2
	Teal high-flex PUR	Foil and braided shield	C(ETL)US TYPE CMX; TIA 568-B, flex-rated, halogen-free	<b>1585J-M4UBJM-2</b>
4	Teal Riser, PVC		UL CMR; CUR CMG, TIA B	<b>1585J-M8CBJM-2</b>
8	Teal high-flex PUR		C(ETL)US TYPE CMX; TIA 568-B, flex-rated, halogen-free	<b>1585J-M8UBJM-2</b>
	Teal 600V PVC		(UL) CMX, CMR; c(UL) CMG; (UL) PLTC or AWM 2570 80 °C 600V; TIA-568-B	<b>1585J-M8HBJM-2</b>
	Red 600V PVC		1585J-M8EBJM-2	

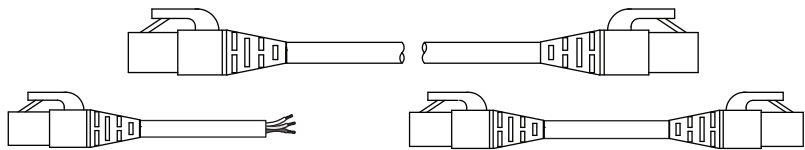
\* Replace -2 (2 m) with 5 (5 m) or 10 (10 m) for additional standard cable lengths.

### 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

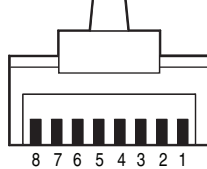
Dimensions are in millimeters (inches). Illustrations are not drawn to scale.



Example of Cordset

Example of Patchcord

### Pinout

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

### 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.