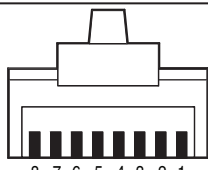


Pinout

Color Code	Face View RJ45 Pinout	
	8-Pin	
		
A	8-Pin	
	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

Product Selection

Jacket Material	Cable Type	No. of Conductors	Jacket Color	Wire Size, AWG	Nominal Outer Diameter	Operating Temperature [C (F)]	Cable Rating	Cat. No.*
600V PVC	Foil and braided shield	8 (four pair)	Teal	22	8.13 ± 0.38 mm (0.32 in.)	-20...+80 ° (-4...+176 °)	(UL) CMX, CMR; c(UL) CMG; (UL) PLTC or AWM 2570 80 °C 600V; TIA-568-B	1585-C8HB-S100
			Red					1585-C8EB-S100

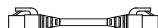
* Replace 100 (100 m) with 300 (300 m) or 600 (600 m) for additional standard cable lengths (example 1585-C4TB-S100 becomes 1585-C4TB-S600).

RJ45 Cordset



Shielding	Cable Type	Cat. No.*
Foil and braided shield	8 conductor, teal 600V PVC	1585J-M8HB-2
		1585J-M8EB-2

RJ45 Patchcords

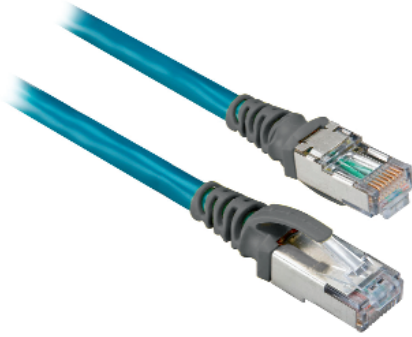


No. of Conductors	Jacket Material	Cable Type	Cable Rating	Cat. No.*
8	Teal 600V PVC	Foil and braided shield	(UL) CMX, CMR; c(UL) CMG; (UL) PLTC or AWM 2570 80 °C 600V; TIA-568-B	1585J-M8HBJM-2
	Red 600V PVC			1585J-M8EBJM-2

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

RJ45 IDC Connector

Insulation Diameter [mm (in.)]	Cable Diameter [mm (in.)]	Cat. No.
0.85...1.6 (0.033...0.063)	5...9 (0.197...0.354)	1585J-M8CC-SH



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 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

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

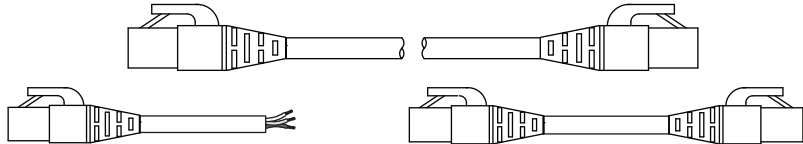
* Replace -2 (2 m) with 5 (5 m) or 10 (10 m) for additional standard cable lengths.

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

Color Code	Face View RJ45 Pinout			
	8-Pin			
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.