

Cordsets and Patchcords

RJ45

Features

- Flex-rated TPE, PVC, and plenum cables for various applications
- Teal cable jacket
- Rugged strain relief and hitch mechanism to maintain network integrity
- Suitable environments M₃I₃C₃E₃



RJ45 Cordset

Specifications

Attributes	Bulletin 1585J
Certifications	UL Listed
Connectors	RJ45 Male to RJ45 Male, Cat 5e
Cable Type	Unshielded 4- and 8-conductor, 24 AWG, Industrial Cat 5e Shielded 8-conductor 26 AWG Industrial Cat 5e
Enclosure Type Rating	IP20
Nominal Outer Diameter	5.84 mm (0.23 in.) ±10%
Operating Temperature	-20...+60 °C (-4...+140 °F)
Voltage	300V

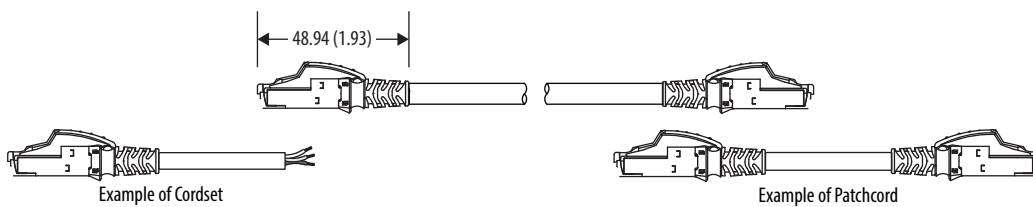
Pinout

Color Code	Face View RJ45 Pinout			
	8-Pin			
	8-Pin		4-Pin	
A	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 —	—
	5 White/Blue	Unused	5 —	—
	6 Green	Recv Data -	6 Green	Recv Data -
	7 White/Brown	Unused	7 —	—
	8 Brown	Unused	8 —	—

Approximate Dimensions

Dimensions are in mm (in.). Illustrations are not drawn to scale.

Figure 4 - Cordsets/Patchcords



RJ45 Gigabit

Features

- Flex-rated TPE cables for various applications
- Teal cable jacket
- Rugged strain relief and latch mechanism to maintain network integrity
- Suitable environments M₁I₁C₂E₂



RJ45 Cordset, Cat 6

Specifications

Attributes	Bulletin 1585J
Certifications	UL Listed
Connectors	RJ45 Male to RJ45 Male, Cat 6
Cable Type	Shielded, 8-conductor, 24 AWG, Industrial Cat 6
Enclosure Type Rating	IP20
Nominal Outer Diameter	5.84 mm (0.23 in.) ±10%
Operating Temperature	-20...+60 °C (-4...+140 °F)
Voltage	300V

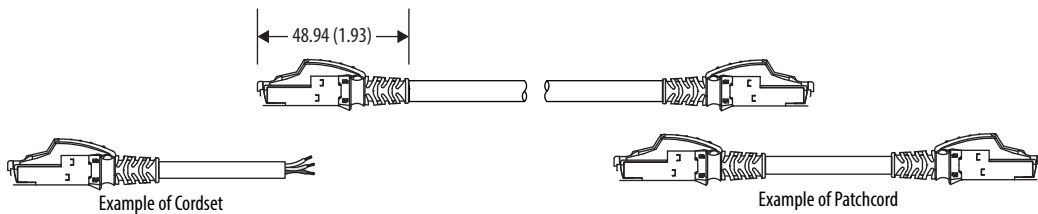
Pinout

Face View RJ45 Pinout			
8-Pin			
Color Code	Side A Plug Pin	Side B Plug Pin	
	T568B	Side B Plug Pin	1000BASE-T
	1	1	BI_DA+ (Bi-directional pair 1+)
	2	2	BI_DA- (Bi-directional pair 1-)
	3	3	BI_DB+ (Bi-directional pair 2+)
	4	4	BI_DC+ (Bi-directional pair 3+)
	5	5	BI_DC- (Bi-directional pair 3-)
	6	6	BI_DB- (Bi-directional pair 2-)
	7	7	BI_DD+ (Bi-directional pair 4+)
	8	8	BI_DD- (Bi-directional pair 4-)

Approximate Dimensions

Dimensions are in mm (in.). Illustrations are not drawn to scale.

Figure 5 - Cordsets/Patchcords



RJ45 Red

Specifications



RJ45 Red Cordset

Attributes	Bulletin 1585J
Certifications	UL Listed
Connectors	RJ45 Male to RJ45 Male, Cat 5e
Cable Type	Unshielded, 4- and 8-conductor, 24 AWG, Industrial Cat 5e Shielded, 8-conductor, 26 AWG, Industrial Cat 5e
Enclosure Type Rating	IP20
Nominal Outer Diameter	5.84 mm (0.23 in.) ±10%
Operating Temperature	-20...+60 °C (-4...+140 °F)

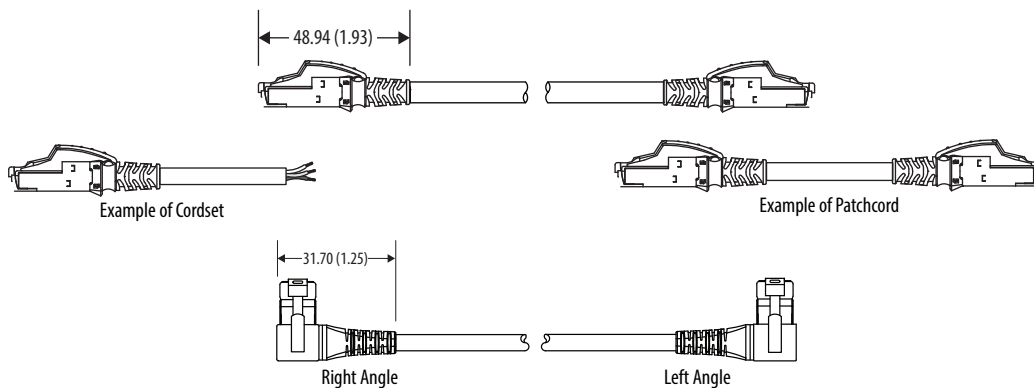
Pinout

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 —	—
	5 White/Blue	Unused	5 —	—
	6 Green	Recv Data -	6 Green	Recv Data -
	7 White/Brown	Unused	7 —	—
	8 Brown	Unused	8 —	—

Approximate Dimensions

Dimensions are in mm (in.). Illustrations are not drawn to scale.

Figure 6 - Cordsets/Patchcords



Field Attachable

RJ45 Connector

Features

- | | |
|---|--|
| <p>IDC Connector</p> <ul style="list-style-type: none"> • 26...22 AWG Conductors • 360° shielding • Reuse IDC connector up to five times • No tools or conductor stripping required • Cat 6 | <p>Crimp Connector</p> <ul style="list-style-type: none"> • 26...24 AWG • Standard crimp connector with rugged boot • Cat 5e |
|---|--|



RJ45 Insulation Displacement Connector (IDC)

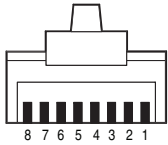


RJ45 Crimp

Specifications

Attribute	Bulletin 1585J
Certifications	UL Listed
Connector Type	RJ45 male
Enclosure Type Rating	IP20
Operating Temperature	-40...+70 °C (-40...+158 °F)

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 —	Unused
	5 White/Blue	Unused	5 —	Unused
	6 Green	Recv Data -	6 Green	Recv Data -
	7 White/Brown	Unused	7 —	Unused
	8 Brown	Unused	8 —	Unused