




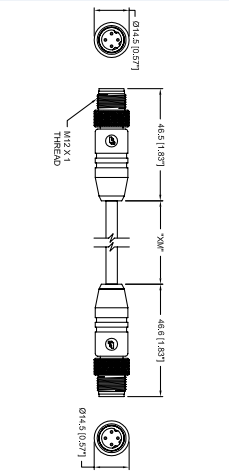
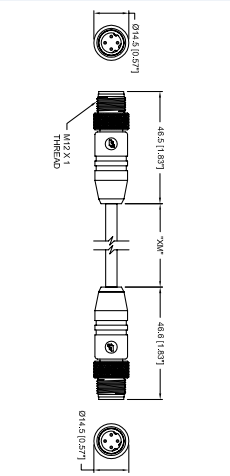
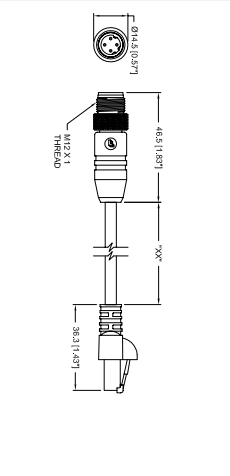
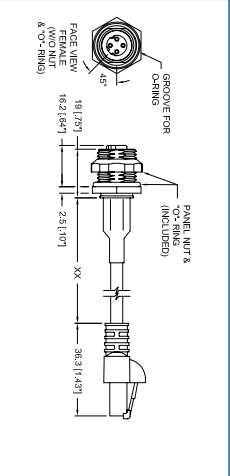
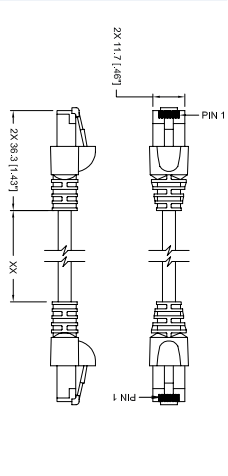







EtherNet/IP Double-Ended Cord Sets

CAT5e, High-Flex, 2 Bonded Twisted Pair, Stranded/Unshielded, 24 AWG, TPE Jacket

Type	0985 806 100	0985 806 101	0985 806 103	0985 806 104	0985 806 500																																																
																																																					
Product Description	EtherNet/IP, high-flex, double-ended cord set, M12 male to male straight, 4-pin, D-coding, 24 AWG TPE cable, stranded/unshielded, 2 bonded twisted pair with teal jacket.	Ethernet I/P, high-flex, double-ended cord set, M12 male to M12 male, teal TPE jacket, 4 pin, 24 AWG, stranded/unshielded cross-over cable with 2 bonded twisted pairs.	Ethernet I/P, high-flex, double-ended cord set, M12 male to RJ45 male, 4 pin, D-coded, 24 AWG, teal TPE jacket, stranded/unshielded cable with 2 bonded twisted pairs.	EtherNet/IP, high-flex, double-ended cord set, M12 female 4 pin, D-coded receptacle to male RJ45, 24 AWG, teal TPE jacket, stranded/unshielded cable with 2 bonded twisted pairs.	Ethernet I/P, high-flex, double-ended cord set, RJ45 male to RJ45 male, 24 AWG, teal TPE jacket, stranded/unshielded cable with 2 bonded twisted pairs.																																																
Technical Illustration																																																					
Wiring diagram	<table border="1"> <thead> <tr> <th>M12</th> <th>Color</th> <th>C1</th> <th>Color</th> <th>C2</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>White Orange</td> <td>1</td> <td>White Orange</td> <td>2</td> </tr> <tr> <td>2</td> <td>White Green</td> <td>2</td> <td>White Green</td> <td>1</td> </tr> <tr> <td>3</td> <td>Orange</td> <td>3</td> <td>Orange</td> <td>4</td> </tr> <tr> <td>4</td> <td>Green</td> <td>4</td> <td>Green</td> <td>3</td> </tr> </tbody> </table>	M12	Color	C1	Color	C2	1	White Orange	1	White Orange	2	2	White Green	2	White Green	1	3	Orange	3	Orange	4	4	Green	4	Green	3	<table border="1"> <thead> <tr> <th>M12</th> <th>Color</th> <th>RJ45</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>White Orange</td> <td>1</td> </tr> <tr> <td>2</td> <td>White Green</td> <td>3</td> </tr> <tr> <td>3</td> <td>Orange</td> <td>2</td> </tr> <tr> <td>4</td> <td>Green</td> <td>6</td> </tr> </tbody> </table>	M12	Color	RJ45	1	White Orange	1	2	White Green	3	3	Orange	2	4	Green	6	<table border="1"> <thead> <tr> <th>Color</th> <th>RJ45</th> </tr> </thead> <tbody> <tr> <td>White Orange</td> <td>1</td> </tr> <tr> <td>White Green</td> <td>3</td> </tr> <tr> <td>Orange</td> <td>2</td> </tr> <tr> <td>Green</td> <td>6</td> </tr> </tbody> </table>	Color	RJ45	White Orange	1	White Green	3	Orange	2	Green	6
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Standard cable lengths	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M / 90 M	0.5 M / 1 M / 2 M / 5 M / 10 M	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M / 90 M	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M / 90 M																																																

Be Certain with Belden



EtherNet/IP Double-Ended Cord Sets



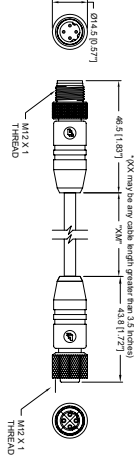
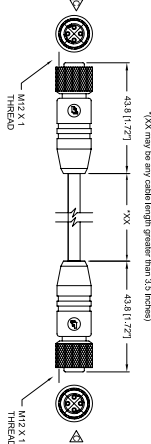
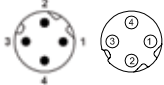

CAT5e, High-Flex, 2 Bonded Twisted Pair, Stranded/Unshielded, 24 AWG, TPE Jacket

Type	0985 806 100	0985 806 101	0985 806 103	0985 806 104	0985 806 500
Degree of protection	IP68		IP68 / IP20	IP68 / IP20	IP20
Temperature	-40°C to 75°C			-20°C to 60°C	
Mechanical					
M12 and M12 Receptacle					
Molded body	PUR, black				
Coupling nut	Brass, nickel plated				
Contacts	Brass, gold plated				
Insert	PUR, black				
RJ45					
Plug	Polycarbonate				
Contacts	Phosphor Bronze, gold plated				
Boot	Elastomer Polyolefin				
Electrical					
Current rating	4A		1.5 A		
Voltage rating	250V		30VAC / 42 VDC		
Performance	CAT5e, Belden bonded twisted pair cable				
Cable specifications					
Cable jacket	TPE				
Color	Teal				
Overall diameter	.275 "				
Conductor	24 AWG stranded tinned copper				
Temperature	Operating: -40°C to 75°C / Installation: -25°C to 75°C				
Flame test	UL: CMR / CSA: CMG				
Continuous Flex	2 million cycles @ 10X, 10 million cycles @ 20X bend radius				
Characteristics					
			 NOTE: Vibration & Oil Resistant applies to M12 side only.	 NOTE: Vibration & Oil Resistant applies to M12 side only.	
Recommended panel cut out					

The application of these products in harsh environments should always be checked before use. Specifications subject to alteration.

EtherNet/IP Double-Ended Cord Sets

CAT5e, High-Flex, 2 Bonded Twisted Pair, Stranded/Unshielded, 24 AWG, TPE Jacket

Type	0985 806 102	0985 806 112										
												
Product Description	Ethernet I/P, double-ended cord set, M12 male to M12 female, teal FRTPE jacket, 4 pin, 24 AWG, stranded/unshielded cable with 2 bonded twisted pairs.	Ethernet I/P, double-ended cord set, M12 female to M12 female, teal FRTPE jacket, 4 pin, 24 AWG, stranded/unshielded cable with 2 bonded twisted pairs.										
Technical Illustration												
Wiring diagram	<p style="text-align: center;">M12 to M12</p> <table border="0"> <thead> <tr> <th>M12</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>White Orange</td> </tr> <tr> <td>2</td> <td>White Green</td> </tr> <tr> <td>3</td> <td>Orange</td> </tr> <tr> <td>4</td> <td>Green</td> </tr> </tbody> </table>		M12	Color	1	White Orange	2	White Green	3	Orange	4	Green
M12	Color											
1	White Orange											
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Face views	M12 (male) to M12 (female) 	M12 (female) to M12 (female) 										
Part number	0985 806 102/...M	0985 806 112/...M										
Standard cable lengths	0.5 M / 1 M / 2 M / 5 M / 10 M											



EtherNet/IP Double-Ended Cord Sets

CAT5e, High-Flex, 2 Bonded Twisted Pair, Stranded/Unshielded, 24 AWG, TPE Jacket

Type	0985 806 102	0985 806 112
Degree of protection	IP68	
Operating temperature range	-40°C to 90°C	
Mechanical		
M12		
Molded body	PUR, black	
Coupling nut	Brass, nickel plated	
Contacts	Brass, gold plated	
Insert	PUR, black	
Electrical		
Current rating	4A	
Voltage rating	250 V	
Performance	CAT5e	
Cable specifications		
Cable jacket	TPE	
Color	Teal	
Overall diameter	.275 "	
Conductor	24 AWG stranded tinned copper	
Temperature	Operating: -40°C to 75°C / Installation: -25°C to 75°C	
Flame test	UL: CMR / CSA: CMG	
Continuous Flex	2 million cycles @ 10X, 10 million cycles @ 20X bend radius	
Characteristics		



The application of these products in harsh environments should always be checked before use.
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