




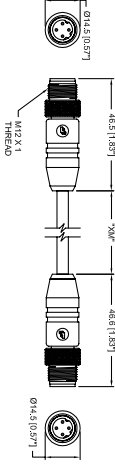
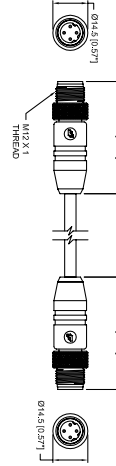
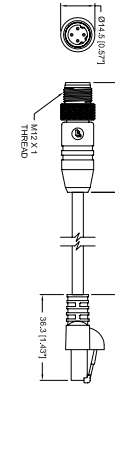
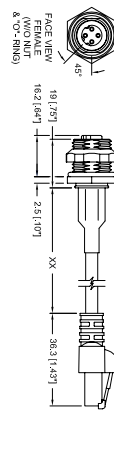
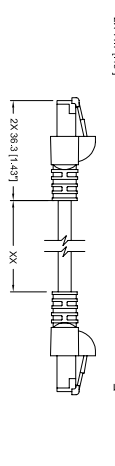


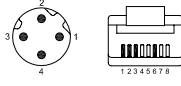
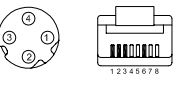



## EtherNet/IP Double-Ended Cord Sets

CAT5e, High-Flex, Stranded/Unshielded, 24 AWG, TPE Jacket

Type	0985 706 100	0985 706 101	0985 706 103	0985 706 104	0985 706 500																																																																																					
																																																																																										
<b>Product Description</b>	EtherNet/IP, high-flex, double-ended cord set, M12 male to male straight, 4-pin, D-coding, 24 AWG TPE cable, stranded/unshielded, 2 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 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 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 with 2 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 twisted pairs.																																																																																					
<b>Technical Illustration</b>																																																																																										
<b>Wiring diagram</b>	<p><b>M12 to M12</b></p> <table border="0"> <tr> <td><b>M12</b></td> <td><b>Color</b></td> <td><b>M12</b></td> </tr> <tr> <td>1</td> <td>White/Orange</td> <td>1</td> </tr> <tr> <td>2</td> <td>White/Green</td> <td>2</td> </tr> <tr> <td>3</td> <td>Orange</td> <td>3</td> </tr> <tr> <td>4</td> <td>Green</td> <td>4</td> </tr> </table>	<b>M12</b>	<b>Color</b>	<b>M12</b>	1	White/Orange	1	2	White/Green	2	3	Orange	3	4	Green	4	<p><b>M12 to M12</b></p> <table border="0"> <tr> <td><b>M12</b></td> <td><b>Color</b></td> <td><b>M12</b></td> <td><b>Color</b></td> <td><b>M12</b></td> </tr> <tr> <td>1</td> <td>White/Orange</td> <td>2</td> <td>White/Orange</td> <td>4</td> </tr> <tr> <td>3</td> <td>Orange</td> <td>4</td> <td>Orange</td> <td>2</td> </tr> <tr> <td>2</td> <td>White/Green</td> <td>1</td> <td>White/Green</td> <td>3</td> </tr> <tr> <td>4</td> <td>Green</td> <td>3</td> <td>Green</td> <td>1</td> </tr> </table>	<b>M12</b>	<b>Color</b>	<b>M12</b>	<b>Color</b>	<b>M12</b>	1	White/Orange	2	White/Orange	4	3	Orange	4	Orange	2	2	White/Green	1	White/Green	3	4	Green	3	Green	1	<p><b>M12 to RJ45</b></p> <table border="0"> <tr> <td><b>M12</b></td> <td><b>Color</b></td> <td><b>RJ45</b></td> </tr> <tr> <td>1</td> <td>White/Orange</td> <td>1</td> </tr> <tr> <td>3</td> <td>Orange</td> <td>2</td> </tr> <tr> <td>2</td> <td>White/Green</td> <td>3</td> </tr> <tr> <td>4</td> <td>Green</td> <td>6</td> </tr> </table>	<b>M12</b>	<b>Color</b>	<b>RJ45</b>	1	White/Orange	1	3	Orange	2	2	White/Green	3	4	Green	6	<p><b>M12 to RJ45</b></p> <table border="0"> <tr> <td><b>M12</b></td> <td><b>Color</b></td> <td><b>RJ45</b></td> </tr> <tr> <td>1</td> <td>White/Orange</td> <td>1</td> </tr> <tr> <td>3</td> <td>Orange</td> <td>2</td> </tr> <tr> <td>2</td> <td>White/Green</td> <td>3</td> </tr> <tr> <td>4</td> <td>Green</td> <td>6</td> </tr> </table>	<b>M12</b>	<b>Color</b>	<b>RJ45</b>	1	White/Orange	1	3	Orange	2	2	White/Green	3	4	Green	6	<p><b>RJ45 to RJ45</b></p> <table border="0"> <tr> <td><b>RJ45</b></td> <td><b>Color</b></td> <td><b>RJ45</b></td> </tr> <tr> <td>1</td> <td>White/Orange</td> <td>1</td> </tr> <tr> <td>2</td> <td>Orange</td> <td>2</td> </tr> <tr> <td>3</td> <td>White/Green</td> <td>3</td> </tr> <tr> <td>6</td> <td>Green</td> <td>6</td> </tr> </table>	<b>RJ45</b>	<b>Color</b>	<b>RJ45</b>	1	White/Orange	1	2	Orange	2	3	White/Green	3	6	Green	6
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# Be Certain with Belden



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CAT5e, High-Flex, Stranded/Unshielded, 24 AWG, TPE Jacket

Type	0985 706 100	0985 706 101	0985 706 103	0985 706 104	0985 706 500
Degree of protection	IP67		IP67 / IP20	IP67 / IP20	IP20
Operating temperature range	-20°C(-4°F) to +75°C(+167°F)				
<b>Mechanical</b>					
<b>M12</b>					
Molded body	PUR, black				
Coupling nut	Brass, nickel plated				
Contacts	Brass, gold over nickel plated				
Insert	PUR, self extinguishing				
<b>M12 Receptacle</b>					
Housing				Brass, nickel plated	
Insert				PUR, black	
Contacts				Brass, gold plated	
<b>RJ45</b>					
Housing				Pre-tinned copper alloy	
Insert				Clear polycarbonate	
Contacts				50 μ" gold in contact area over nickel plating	
<b>Cable specifications</b>					
Cable jacket	TPE				
Color	Teal				
Overall diameter	.210"				
Conductor	24 AWG stranded tinned copper				
Insulation	High density polyethylene				
Continuous Flex	2 million cycles @ 10X, 10 million cycles @ 20X bend radius				
<b>Characteristics</b>					
			 NOTE: Vibration & Oil Resistant applies to M12 side only.	 NOTE: Vibration & Oil Resistant applies to M12 side only.	
<b>Recommended panel cut out</b>					

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