


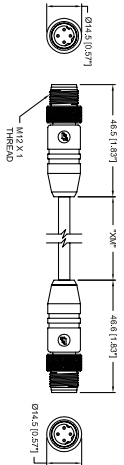
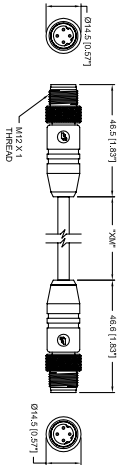
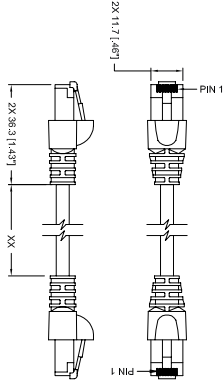





## EtherNet/IP Double-Ended Cord Sets

CAT5e, Moderate-Flex, 2 Twisted Bonded Pair, Solid/Shielded, 24 AWG, PVC Jacket

Type	0985 707 100	0985 707 101	0985 707 500																																																						
																																																									
Product description	EtherNet/IP, moderate-flex, double-ended cord set, M12 male to male straight, 4-pin, D-coding, 24 AWG PVC cable, solid/shielded, 2 twisted bonded pairs with teal jacket.	EtherNet/IP, moderate-flex, double-ended cord set, M12 male to male straight, 4-pin, D-coding, 24 AWG PVC cable, solid/shielded, cross-over cable, 2 twisted bonded pairs with teal jacket.	Ethernet I/P, moderate-flex, double-ended cord set, RJ45 male to RJ45 male, 24 AWG, PVC cable, solid/shielded cable, 2 twisted bonded pairs with teal jacket.																																																						
Technical illustration																																																									
Wiring diagram	<table border="0"> <thead> <tr> <th>M12</th> <th>Color</th> <th>M12</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>White/Orange</td> <td>1</td> </tr> <tr> <td>3</td> <td>Orange</td> <td>3</td> </tr> <tr> <td>2</td> <td>White/Green</td> <td>2</td> </tr> <tr> <td>4</td> <td>Green</td> <td>4</td> </tr> <tr> <td>Nut</td> <td>Shield</td> <td>Nut</td> </tr> </tbody> </table>	M12	Color	M12	1	White/Orange	1	3	Orange	3	2	White/Green	2	4	Green	4	Nut	Shield	Nut	<table border="0"> <thead> <tr> <th>M12</th> <th>Color</th> <th>M12</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>White/Orange</td> <td>2</td> </tr> <tr> <td>3</td> <td>Orange</td> <td>4</td> </tr> <tr> <td>2</td> <td>White/Green</td> <td>1</td> </tr> <tr> <td>4</td> <td>Green</td> <td>3</td> </tr> <tr> <td>Nut</td> <td>Shield</td> <td>Nut</td> </tr> </tbody> </table>	M12	Color	M12	1	White/Orange	2	3	Orange	4	2	White/Green	1	4	Green	3	Nut	Shield	Nut	<table border="0"> <thead> <tr> <th>RJ45</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>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> <tr> <td>Shell</td> <td>Shield</td> <td>Shell</td> </tr> </tbody> </table>	RJ45	Color	RJ45	1	White/Orange	1	2	Orange	2	3	White/Green	3	6	Green	6	Shell	Shield	Shell
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Face views	M12 to M12 	M12 to M12 	RJ45 to RJ45 																																																						
Part number	0985 707 100/...M	0985 707 101/...M	0985 707 500/...M																																																						
Standard cable lengths	2 M / 5 M / 10 M / 20 M / 30 M / 40 M / 50 M / 60 M / 70 M / 80 M / 90 M	2 M / 5 M / 10 M / 20 M / 30 M / 40 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 / 40 M / 50 M																																																						

# Be Certain with Belden



## EtherNet/IP Double-Ended Cord Sets

CAT5e, Moderate-Flex, 2 Twisted Bonded Pair, Solid/Shielded, 24 AWG, PVC Jacket

Type	0985 707 100	0985 707 101	0985 707 500
Degree of protection	IP68, NEMA 6P		IP20
Operating temperature range	-20°C(-4°F) to +75°C(+167°F)		
<b>Mechanical</b>			
<b>M12</b>			
Molded body	Polyurethane, black		
Coupling nut	Brass, nickel plated		
Contacts	Brass, gold over nickel plated		
Insert	Polyurethane, black		
<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	PVC, (sun and oil Resistant)		
Color	Teal		
Overall diameter	7.6mm, nominal		
Conductor	24 AWG, solid bare copper		
Insulation	Polyolefin		
Inner jacket	PVC		
Foil shield	Aluminum/polyester tape, 100% coverage		
Braided shield	Tinned copper, 70% coverage		
Agency approval	UL rated CMR		
Performance	CAT5e, Belden bonded twisted pair cable		
Flex	Moderate Flex, High Noise, Cat5e Industrial Ethernet Cable		
<b>Characteristics</b>			

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

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