



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Be Certain with Belden



## EtherNet/IP Double-Ended Cord Sets

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

Type	0985 806 100	0985 806 101	0985 806 125	0985 806 102	0985 806 127																																			
<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 bonded 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 bonded pairs.	Ethernet I/P, double-ended cord set, M12 male right angle to M12 male, straight, teal TPE jacket, 4 pin, 24 AWG, stranded/unshielded cable with 2 twisted bonded pairs.	Ethernet I/P, double-ended cord set, M12 male to M12 female, straight, teal TPE jacket, 4 pin, 24 AWG, stranded/unshielded cable with 2 twisted bonded pairs.	Ethernet I/P, double-ended cord set, M12 male, right angle to M12 female, straight, teal TPE jacket, 4 pin, 24 AWG, stranded/unshielded cable with 2 twisted bonded pairs.																																			
<b>Technical Illustration</b>																																								
<b>Wiring diagram</b>	<table border="1"> <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	<table border="1"> <thead> <tr> <th>C1</th> <th>Color</th> <th>C2</th> </tr> </thead> <tbody> <tr><td>1</td><td>White Orange</td><td>2</td></tr> <tr><td>2</td><td>White Green</td><td>1</td></tr> <tr><td>3</td><td>Orange</td><td>4</td></tr> <tr><td>4</td><td>Green</td><td>3</td></tr> </tbody> </table>	C1	Color	C2	1	White Orange	2	2	White Green	1	3	Orange	4	4	Green	3		<table border="1"> <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	
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<b>Standard cable lengths</b>	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	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 / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 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 / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M																																			

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Type	0985 806 100	0985 806 101	0985 806 125	0985 806 102	0985 806 127
Degree of protection	IP68				
Temperature	-25C to +75C install temp. -40 to +75C operating temp.				
<b>Mechanical</b>					
<b>M12 and M12 Receptacle</b>					
Molded body	PUR, black				
Coupling nut	Brass, nickel plated				
Contacts	Brass, gold plated				
Insert	PUR, black				
<b>RJ45</b>					
Plug	Polycarbonate				
Contacts	Phosphor Bronze, gold plated				
Boot	Elastomer Polyolefin				
<b>Electrical</b>					
Current rating	4A				
Voltage rating	250V				
Performance	CAT5e, Belden bonded twisted pair cable				
<b>Cable specifications</b>					
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				
<b>Characteristics</b>					



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