

# Be Certain with Belden



## EtherMATE™ Industrial Ethernet Double-Ended Cord Sets

High-Flex/High Noise, Stranded/Shielded, 24 AWG, PVC Jacket

Type	0985 656 100	0985 656 101	0985 656 102																																																																																										
Configuration	M12 to M12	M12 to M12 (crossover)	M12 to M12																																																																																										
Product Description	Industrial Ethernet double-ended cord set, high-flex, male, M12 to M12 straight, 4-pair, 24 AWG, PVC cable, stranded/shielded with teal jacket and orange inserts.	Industrial Ethernet double-ended cord set, high-flex, male, M12 to M12 straight, 4-pair, 24 AWG, PVC cable, stranded/shielded, <b>crossover</b> with teal jacket and orange inserts.	Industrial Ethernet double-ended cord set, high-flex, male, M12 to female M12 straight, 4-pair, 24 AWG, PVC cable, stranded/shielded with teal jacket and orange inserts.																																																																																										
Category Rating	Cat5																																																																																												
Technical Illustration																																																																																													
Wiring diagram	<table border="0"> <thead> <tr> <th>M12</th> <th>Color</th> <th>M12</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>White/Orange</td> <td>6</td> </tr> <tr> <td>4</td> <td>Orange</td> <td>4</td> </tr> <tr> <td>1</td> <td>White/Blue</td> <td>1</td> </tr> <tr> <td>7</td> <td>Blue</td> <td>7</td> </tr> <tr> <td>5</td> <td>White/Green</td> <td>5</td> </tr> <tr> <td>8</td> <td>Green</td> <td>8</td> </tr> <tr> <td>2</td> <td>White/Brown</td> <td>2</td> </tr> <tr> <td>3</td> <td>Brown</td> <td>3</td> </tr> <tr> <td>Nut</td> <td>Shield</td> <td>Nut</td> </tr> </tbody> </table>	M12	Color	M12	6	White/Orange	6	4	Orange	4	1	White/Blue	1	7	Blue	7	5	White/Green	5	8	Green	8	2	White/Brown	2	3	Brown	3	Nut	Shield	Nut	<table border="0"> <thead> <tr> <th>M12</th> <th>Color</th> <th>M12</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>White/Orange</td> <td>5</td> </tr> <tr> <td>4</td> <td>Orange</td> <td>8</td> </tr> <tr> <td>1</td> <td>White/Blue</td> <td>1</td> </tr> <tr> <td>7</td> <td>Blue</td> <td>7</td> </tr> <tr> <td>5</td> <td>White/Green</td> <td>6</td> </tr> <tr> <td>8</td> <td>Green</td> <td>4</td> </tr> <tr> <td>2</td> <td>White/Brown</td> <td>2</td> </tr> <tr> <td>3</td> <td>Brown</td> <td>3</td> </tr> <tr> <td>Nut</td> <td>Shield</td> <td>Nut</td> </tr> </tbody> </table>	M12	Color	M12	6	White/Orange	5	4	Orange	8	1	White/Blue	1	7	Blue	7	5	White/Green	6	8	Green	4	2	White/Brown	2	3	Brown	3	Nut	Shield	Nut	<table border="0"> <thead> <tr> <th>M12</th> <th>Color</th> <th>M12</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>White/Orange</td> <td>6</td> </tr> <tr> <td>4</td> <td>Orange</td> <td>4</td> </tr> <tr> <td>1</td> <td>White/Blue</td> <td>1</td> </tr> <tr> <td>7</td> <td>Blue</td> <td>7</td> </tr> <tr> <td>5</td> <td>White/Green</td> <td>5</td> </tr> <tr> <td>8</td> <td>Green</td> <td>8</td> </tr> <tr> <td>2</td> <td>White/Brown</td> <td>2</td> </tr> <tr> <td>3</td> <td>Brown</td> <td>3</td> </tr> <tr> <td>Nut</td> <td>Shield</td> <td>Nut</td> </tr> </tbody> </table>	M12	Color	M12	6	White/Orange	6	4	Orange	4	1	White/Blue	1	7	Blue	7	5	White/Green	5	8	Green	8	2	White/Brown	2	3	Brown	3	Nut	Shield	Nut
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Part number	0985 656 100/...M	0985 656 101/...M	0985 656 102/...M																																																																																										
Standard cable lengths	0.3 M / 0.5 M / 1 M / 2 M / 3 M / 4 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 55 M / 60 M / 65 M / 70 M / 75 M / 80 M / 85 M / 90 M	0.3 M / 0.5 M / 1 M / 2 M / 3 M / 4 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 55 M / 60 M / 65 M / 70 M / 75 M / 80 M / 85 M / 90 M	0.3M / 0.5M / 0.6M / 1M / 2M / 3M / 4M / 5M / 6M / 7M / 8M / 9M / 10M / 15M / 20M / 30M / 40M / 50M																																																																																										

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