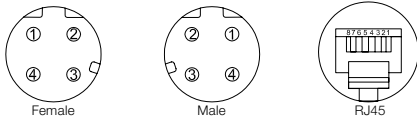



Build Your Own Ethernet Cable Assemblies

The chart below lists components with which to “build” the exact assembly needed. Begin at left with the first column. Write an “E” for Ethernet in the box below for column one. From the next column, identify the Style. Continue to write the appropriate letter or number in the box for each column. Once you’ve selected components from all remaining columns, you have successfully built your own Ethernet cord assembly part number.

1	2	3	4	5	6	7																											
TYPE	STYLE	ENDS	CONNECTOR CONFIGURATION	CABLE	UOM	LENGTH																											
E	C	2	E	7A	M	005																											
E = Ethernet	C = Cord Set R = Receptacle	1 = Single End (or Receptacle) 2 = Double End	Head Configurations: A = RJ45 B = 8 Pin Female M12 DC Micro C = 8 Pin Male M12 DC Micro D = RJ45 to RJ45 E = RJ45 to 8 Pin Female M12 DC Micro F = RJ45 to 8 Pin Male M12 DC Micro G = 8 Pin Male M12 DC Micro to 8 Pin Female M12 DC Micro H = 8 Pin Male M12 DC Micro to 8 Pin Male M12 DC Micro J = 8 Pin Female M12 DC Micro to 8 Pin Female M12 DC Micro K = 4 Pin Female M12 D-Coded Micro L = 4 Pin Male M12 D-Coded Micro M = 4 Pin Male M12 D-Coded Micro to 4 Pin Female M12 D-Coded Micro N = 4 Pin Female M12 D-Coded Micro to 4 Pin Female M12 D-Coded Micro P = 4 Pin Male M12 D-Coded Micro to 4 Pin Male M12 D-Coded Micro Q = RJ45 to 4 Pin Female M12 D-Coded Micro R = RJ45 to 4 Pin Male M12 D-Coded Micro	Ethernet Cable Type: 6H = CAT6 4-Pair Shielded Horizontal Cable #60066 6C = 200°C CAT6 4-Pair Horizontal Cable #60064 6CS = 200°C CAT6 4-Pair Shielded Horizontal Cable #60063 6A = CAT6A 4-Pair Patch Cable #60062 7A = CAT7A 4-Pair Shielded Patch Cable #60067 5E2S = PROFINET Ind. Ethernet 2-Pair Shielded Cable #60061	Unit of Measure: M = Meters F = Feet A = Inches	Enter a three digit code in the box above. Example: 5 = “005” 50 = “050” 500 = “500”																											
*D-CODED MICRO PINOUT Face Views 																																	
<table border="1"> <thead> <tr> <th>D-Coded M12</th> <th>PROFINET / Ind. Ethernet</th> <th>RJ45</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>TX+</td> <td>1</td> </tr> <tr> <td>2</td> <td>RX+</td> <td>3</td> </tr> <tr> <td>3</td> <td>TX-</td> <td>2</td> </tr> <tr> <td>4</td> <td>RX-</td> <td>6</td> </tr> </tbody> </table>			D-Coded M12	PROFINET / Ind. Ethernet	RJ45	1	TX+	1	2	RX+	3	3	TX-	2	4	RX-	6																
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<table border="1"> <thead> <tr> <th>M12 DC Micro</th> <th>CAT6A/CAT7A</th> <th>RJ45</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>White/Orange</td> <td>1</td> </tr> <tr> <td>4</td> <td>Orange</td> <td>2</td> </tr> <tr> <td>5</td> <td>White/Green</td> <td>3</td> </tr> <tr> <td>7</td> <td>Blue</td> <td>4</td> </tr> <tr> <td>1</td> <td>White/Blue</td> <td>5</td> </tr> <tr> <td>8</td> <td>Green</td> <td>6</td> </tr> <tr> <td>2</td> <td>White/Brown</td> <td>7</td> </tr> <tr> <td>3</td> <td>Brown</td> <td>8</td> </tr> </tbody> </table>			M12 DC Micro	CAT6A/CAT7A	RJ45	6	White/Orange	1	4	Orange	2	5	White/Green	3	7	Blue	4	1	White/Blue	5	8	Green	6	2	White/Brown	7	3	Brown	8				
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In the sample part number above, EC2E7AM005 is an Ethernet double ended cord set with RJ45 connector to 8 Pin Female M12 DC Micro, using blue Trex-Onics® Industrial Ethernet CAT7A Cable (#60067) and is 5 meters long.				*For Cross-Over Pinout, contact our Engineered Products Department.																													

Not what you're looking for?

It is standard practice at TPC to design to our customer's needs. If a configuration not listed above is required, please request our Engineered Products Department to discuss a custom solution!

Additional information about TPC's custom solutions is available for download at www.tpcwire.com/literature.



Mini Quick-Connects™
Micro Quick-Connects™
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Specialty Quick-Connects™
Ethernet Cable Assemblies
7 Pin Molded Valve Plug
DIN Connectors
Extension Cords
M23 Connector Assemblies
Military Connectors
Rectangular Connectors