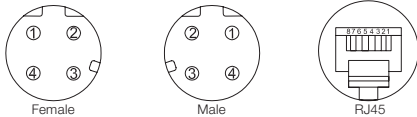
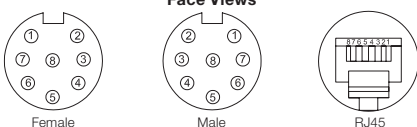


# Build Your Own Ethernet Cable Assemblies

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																																												
<b>E</b>	<b>C</b>	<b>2</b>	<b>E</b>		<b>7A</b>	<b>M</b>	<b>005</b>																																												
<b>E</b> = Ethernet	<b>C</b> = Cord Set <b>R</b> = Receptacle	<b>1</b> = Single End (or Receptacle) <b>2</b> = Double End	<b>Head Configurations:</b> <b>A</b> = RJ45 <b>B</b> = 8 Pin Female M12 DC Micro <b>BB</b> = 8 Pin 90 Degree Female M12 DC Micro <b>C</b> = 8 Pin Male M12 DC Micro <b>CC</b> = 8 Pin 90 Degree Male M12 DC Micro <b>D</b> = RJ45 to RJ45 <b>E</b> = RJ45 to 8 Pin Female M12 DC Micro <b>F</b> = RJ45 to 8 Pin Male M12 DC Micro <b>G</b> = 8 Pin Male M12 DC Micro to 8 Pin Female M12 DC Micro <b>H</b> = 8 Pin Male M12 DC Micro to 8 Pin Male M12 DC Micro <b>J</b> = 8 Pin Female M12 DC Micro to 8 Pin Female M12 DC Micro <b>K</b> = 4 Pin Female M12 D-Coded Micro <b>KK</b> = 4 Pin 90 Degree Female M12 D-Coded Micro <b>L</b> = 4 Pin Male M12 D-Coded Micro		<b>LL</b> = 4 Pin 90 Degree Male M12 D-Coded Micro <b>M</b> = 4 Pin Male M12 D-Coded Micro to 4 Pin Female M12 D-Coded Micro <b>N</b> = 4 Pin Female M12 D-Coded Micro to 4 Pin Female M12 D-Coded Micro <b>P</b> = 4 Pin Male M12 D-Coded Micro to 4 Pin Male M12 D-Coded Micro <b>Q</b> = RJ45 to 4 Pin Female M12 D-Coded Micro <b>R</b> = RJ45 to 4 Pin Male M12 D-Coded Micro <b>S</b> = 8 Pin 90 Degree Male M12 DC Micro to 8 Pin 90 Degree Female M12 DC Micro <b>T</b> = 8 Pin 90 Degree Male M12 DC Micro to 8 Pin 90 Degree Male M12 DC Micro <b>U</b> = 8 Pin 90 Degree Female M12 DC Micro to RJ45 <b>V</b> = 8 Pin 90 Degree Male M12 DC Micro to RJ45 <b>W</b> = 4 Pin 90 Degree Male M12 D-Coded Micro to 4 Pin 90 Degree Female M12 D-Coded Micro <b>X</b> = 4 Pin 90 Degree Male M12 D-Coded Micro to 4 Pin 90 Degree Male M12 D-Coded Micro <b>Y</b> = 4 Pin 90 Degree Female M12 D-Coded Micro to RJ45 <b>Z</b> = 4 Pin 90 Degree Male M12 D-Coded Micro to RJ45	<b>Ethernet Cable Type:</b> <b>6H</b> = CAT6 4-Pair Shielded Horizontal Cable #60066 <b>6C</b> = 200°C CAT6 4-Pair Horizontal Cable #60064 <b>6CS</b> = 200°C CAT6 4-Pair Shielded Horizontal Cable #60063 <b>6A</b> = CAT6A 4-Pair Patch Cable #60062 <b>7A</b> = CAT7A 4-Pair Shielded Patch Cable #60067 <b>5E2S</b> = PROFINET Ind. Ethernet 2-Pair Shielded Cable #60061	<b>Unit of Measure:</b> <b>M</b> = Meters <b>F</b> = Feet <b>A</b> = Inches	Enter a three digit code in the box above.  <b>Example:</b> <b>5</b> = “005” <b>50</b> = “050” <b>500</b> = “500”																																											
<b>*D-CODED MICRO PINOUT</b> <b>Face Views</b> 			<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	<b>M12 DC MICRO PINOUT</b> <b>Face Views</b> 					<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
D-Coded M12	PROFINET / Ind. Ethernet	RJ45																																																	
1	TX+	1																																																	
2	RX+	3																																																	
3	TX-	2																																																	
4	RX-	6																																																	
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																																																	
In the sample part number above, <b>EC2E7AM005</b> 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.					<b>*For Cross-Over Pinout, contact our Engineered Products Department.</b>																																														

Portable Cords  
 Power Cables (600 Volt to 35 KV)  
 Welding Cables  
 VFD/Servo Motor Cables  
 Reeling Cables  
 Control Cables/Instrumentation  
 Bus Cables  
 Flat/estoon Cables  
 Retractive Cables  
 Igniter Cables  
 High Temperature Cables  
 Thermocouple Extension Wires  
 Engineered Custom Cables