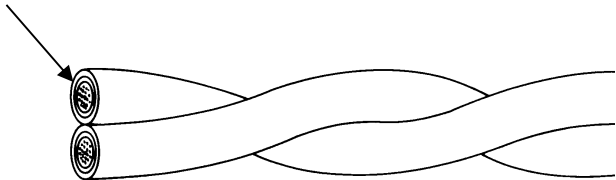



SPECIFICATION CONTROL DRAWING		SCD																																																																				
Title TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, OUTER SPACE, 600 VOLT		Date 7-5-16	Revision D																																																																			
This specification sheet forms a part of the latest issue of Raychem Specification 55/.																																																																						
<div style="margin-bottom: 20px;"> <p>COMPONENT WIRES - 55/0812</p>  </div> <div style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="5">CABLE CONSTRUCTION DETAILS</th> </tr> <tr> <th rowspan="2">PART NUMBER 1/</th> <th rowspan="2">CONDUCTOR SIZE (AWG)</th> <th colspan="2">OUTSIDE DIAMETER (inch)</th> <th rowspan="2">MAXIMUM WEIGHT (lbs/1000 ft.)</th> </tr> <tr> <th>NOMINAL</th> <th>MAXIMUM</th> </tr> <tr><td>55/0822-28-*</td><td>28</td><td>.070</td><td>.074</td><td>2.5</td></tr> <tr><td>55/0822-26-*</td><td>26</td><td>.080</td><td>.084</td><td>3.5</td></tr> <tr><td>55/0822-24-*</td><td>24</td><td>.090</td><td>.094</td><td>4.7</td></tr> <tr><td>55/0822-22-*</td><td>22</td><td>.100</td><td>.104</td><td>6.5</td></tr> <tr><td>55/0822-20-*</td><td>20</td><td>.116</td><td>.120</td><td>9.6</td></tr> <tr><td>55/0822-18-*</td><td>18</td><td>.140</td><td>.146</td><td>14.7</td></tr> <tr><td>55/0822-16-*</td><td>16</td><td>.154</td><td>.160</td><td>18.4</td></tr> <tr><td>55/0822-14-*</td><td>14</td><td>.188</td><td>.194</td><td>28.2</td></tr> <tr><td>55/0822-12-*</td><td>12</td><td>.222</td><td>.228</td><td>41.8</td></tr> <tr><td>55/0822-10-*</td><td>10</td><td>.268</td><td>.276</td><td>66.1</td></tr> <tr><td>55/0822-8-*</td><td>8</td><td>.390</td><td>.406</td><td>126.</td></tr> </table> </div> <div style="margin-top: 20px;"> <p style="text-align: center;">CABLE RATINGS AND ADDITIONAL REQUIREMENTS</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>TEMPERATURE RATING: 200°C Maximum continuous conductor temperature</p> <p>VOLTAGE RATING: 600 volts (rms) at sea level</p> <p>DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz</p> <p>INSULATION FLAWS: Spark Test, 3.0 kV (rms) Impulse Dielectric Test, 8.0 kV (peak)</p> </div> <div style="width: 45%;"> <p>1/ PART NUMBER: The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors. Example: AWG 22, blue and white component wires: 55/0822-22-6/9</p> </div> </div> </div>				CABLE CONSTRUCTION DETAILS					PART NUMBER 1/	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)	NOMINAL	MAXIMUM	55/0822-28-*	28	.070	.074	2.5	55/0822-26-*	26	.080	.084	3.5	55/0822-24-*	24	.090	.094	4.7	55/0822-22-*	22	.100	.104	6.5	55/0822-20-*	20	.116	.120	9.6	55/0822-18-*	18	.140	.146	14.7	55/0822-16-*	16	.154	.160	18.4	55/0822-14-*	14	.188	.194	28.2	55/0822-12-*	12	.222	.228	41.8	55/0822-10-*	10	.268	.276	66.1	55/0822-8-*	8	.390	.406	126.
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<p>Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics Corporation also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.</p>																																																																						
<p>1/ COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. HOWEVER, DUE TO LENGTH LIMITATIONS OF THE RAYCHEM PART NUMBER, AN ALTERNATIVE COLOR CODE MAY REPLACE MIL-STD-681 COLOR CODE DESIGNATORS. (EXAMPLE: "901/902..." MAY BE REPLACED BY "Axxx".) OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER, AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.</p>																																																																						
Page 1 of 1	Raychem, TE Connectivity, TE connectivity (logo), and TE (logo) are trademarks.		 <div style="font-size: 0.8em; margin-top: 5px;"> Raychem Wire & Cable 501 Oakside Avenue Redwood City, CA 94063-3800 Phone: 1-800-227-8816 Fax: 1-650-361-6297 </div>																																																																			
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	THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.																																																																					

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