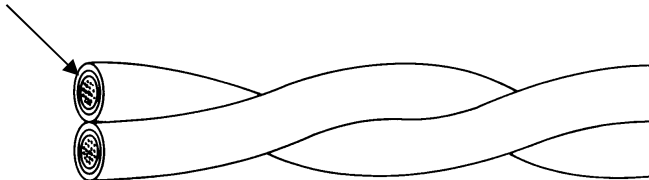



SPECIFICATION CONTROL DRAWING		SCD		55LF0822																																																										
Title TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, ULTRA LOW FLUORIDE, GENERAL PURPOSE, 600 VOLT		Date 10-16-18		Revision B																																																										
This specification sheet forms a part of the latest issue of Raychem Specification 55A.																																																														
<div style="margin-bottom: 20px;"> <p>COMPONENT WIRES - 55LF0812</p>  </div> <div style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <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>55LF0822-26-*</td><td>26</td><td>.080</td><td>.084</td><td>3.5</td></tr> <tr><td>55LF0822-24-*</td><td>24</td><td>.090</td><td>.094</td><td>4.7</td></tr> <tr><td>55LF0822-22-*</td><td>22</td><td>.100</td><td>.104</td><td>6.7</td></tr> <tr><td>55LF0822-20-*</td><td>20</td><td>.116</td><td>.120</td><td>9.6</td></tr> <tr><td>55LF0822-18-*</td><td>18</td><td>.140</td><td>.146</td><td>14.7</td></tr> <tr><td>55LF0822-16-*</td><td>16</td><td>.154</td><td>.160</td><td>18.4</td></tr> <tr><td>55LF0822-14-*</td><td>14</td><td>.188</td><td>.194</td><td>28.2</td></tr> <tr><td>55LF0822-12-*</td><td>12</td><td>.222</td><td>.228</td><td>41.8</td></tr> <tr><td>55LF0822-10-*</td><td>10</td><td>.268</td><td>.276</td><td>66.1</td></tr> </table> </div> <div style="text-align: center; margin-top: 20px;"> <p>CABLE RATINGS AND ADDITIONAL REQUIREMENTS</p> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>TEMPERATURE RATING: 200°C            Maximum continuous conductor temperature</p> <p>VOLTAGE RATING: 600 volts (rms) at sea level</p> <p>COMPONENT WIRE COLOR: Per MIL-STD-681,            except light colors (xL) shall meet Munsell color limits            for UV laser markable wire in SAE AS22759.</p> <p>DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz</p> <p>INSULATION FLAWS:            Spark Test, 5.7 kV (rms) at 3 kHz            Impulse Dielectric Test, 8.0 kV (peak)</p> </div> <div style="width: 48%;"> <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 20, light blue and white component            wires: 55LF0822-20-6L/9</p> </div> </div>						CABLE CONSTRUCTION DETAILS					PART NUMBER 1/	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)	NOMINAL	MAXIMUM	55LF0822-26-*	26	.080	.084	3.5	55LF0822-24-*	24	.090	.094	4.7	55LF0822-22-*	22	.100	.104	6.7	55LF0822-20-*	20	.116	.120	9.6	55LF0822-18-*	18	.140	.146	14.7	55LF0822-16-*	16	.154	.160	18.4	55LF0822-14-*	14	.188	.194	28.2	55LF0822-12-*	12	.222	.228	41.8	55LF0822-10-*	10	.268	.276	66.1
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<p>Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.          TE Connectivity 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/ COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681, EXCEPT LIGHT COLORS SHALL BE DESIGNATED WITH AN "L" AFTER THE COLOR CODE (0L, 1L, 2L, etc.). 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, and TE connectivity (logo) are trademarks.		 <div style="font-size: 0.8em; margin-top: 5px;"> <b>Raychem Wire &amp; Cable</b>            501 Oakside Avenue            Redwood City, CA 94063-3800            Phone: 1-800-522-6752            Fax: 1-650-361-6297         </div>																																																											
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