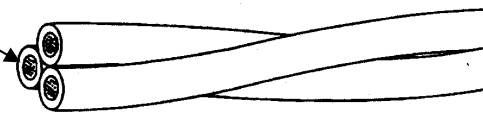



SPECIFICATION CONTROL DRAWING		SCD		55A0132																																																															
Title THREE CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT		Date 2-12-16		Revision D																																																															
This specification sheet forms a part of the latest issue of Raychem Specification 55A.																																																																			
<div style="display: flex; align-items: center; margin-bottom: 20px;"> <div style="margin-right: 10px;">COMPONENT WIRES - 55A0112</div>  </div> <div style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th colspan="5" style="padding: 5px;">CABLE CONSTRUCTION DETAILS</th> </tr> <tr> <th rowspan="2" style="width: 20%; padding: 5px;">PART NUMBER <u>1/</u></th> <th rowspan="2" style="width: 15%; padding: 5px;">CONDUCTOR SIZE (AWG)</th> <th colspan="2" style="width: 25%; padding: 5px;">OUTSIDE DIAMETER (inch)</th> <th rowspan="2" style="width: 20%; padding: 5px;">MAXIMUM WEIGHT (lbs/1000 ft.)</th> </tr> <tr> <th style="width: 10%; padding: 5px;">NOMINAL</th> <th style="width: 10%; padding: 5px;">MAXIMUM</th> </tr> <tr><td style="text-align: center;">55A0132-30-*</td><td style="text-align: center;">30</td><td style="text-align: center;">.052</td><td style="text-align: center;">.056</td><td style="text-align: center;">2.0</td></tr> <tr><td style="text-align: center;">55A0132-28-*</td><td style="text-align: center;">28</td><td style="text-align: center;">.058</td><td style="text-align: center;">.063</td><td style="text-align: center;">2.8</td></tr> <tr><td style="text-align: center;">55A0132-26-*</td><td style="text-align: center;">26</td><td style="text-align: center;">.069</td><td style="text-align: center;">.073</td><td style="text-align: center;">4.3</td></tr> <tr><td style="text-align: center;">55A0132-24-*</td><td style="text-align: center;">24</td><td style="text-align: center;">.080</td><td style="text-align: center;">.084</td><td style="text-align: center;">6.1</td></tr> <tr><td style="text-align: center;">55A0132-22-*</td><td style="text-align: center;">22</td><td style="text-align: center;">.093</td><td style="text-align: center;">.097</td><td style="text-align: center;">8.6</td></tr> <tr><td style="text-align: center;">55A0132-20-*</td><td style="text-align: center;">20</td><td style="text-align: center;">.108</td><td style="text-align: center;">.112</td><td style="text-align: center;">13.2</td></tr> <tr><td style="text-align: center;">55A0132-18-*</td><td style="text-align: center;">18</td><td style="text-align: center;">.130</td><td style="text-align: center;">.134</td><td style="text-align: center;">19.9</td></tr> <tr><td style="text-align: center;">55A0132-16-*</td><td style="text-align: center;">16</td><td style="text-align: center;">.147</td><td style="text-align: center;">.151</td><td style="text-align: center;">25.4</td></tr> <tr><td style="text-align: center;">55A0132-14-*</td><td style="text-align: center;">14</td><td style="text-align: center;">.184</td><td style="text-align: center;">.190</td><td style="text-align: center;">39.8</td></tr> <tr><td style="text-align: center;">55A0132-12-*</td><td style="text-align: center;">12</td><td style="text-align: center;">.222</td><td style="text-align: center;">.229</td><td style="text-align: center;">60.3</td></tr> </table> </div>						CABLE CONSTRUCTION DETAILS					PART NUMBER <u>1/</u>	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)	NOMINAL	MAXIMUM	55A0132-30-*	30	.052	.056	2.0	55A0132-28-*	28	.058	.063	2.8	55A0132-26-*	26	.069	.073	4.3	55A0132-24-*	24	.080	.084	6.1	55A0132-22-*	22	.093	.097	8.6	55A0132-20-*	20	.108	.112	13.2	55A0132-18-*	18	.130	.134	19.9	55A0132-16-*	16	.147	.151	25.4	55A0132-14-*	14	.184	.190	39.8	55A0132-12-*	12	.222	.229	60.3
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CABLE RATINGS AND ADDITIONAL REQUIREMENTS																																																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>TEMPERATURE RATING: 200°C</p> <p>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:</p> <p style="margin-left: 20px;">Spark Test, 5.7 kV (rms) at 3 kHz</p> <p style="margin-left: 20px;">Impulse Dielectric Test, 8.0 kV (peak)</p> </div> <div style="width: 45%;"> <p><u>1/</u> PART NUMBER:</p> <p>The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors. Colors shown do not necessarily reflect the sequence of manufacturing.</p> <p>Example: AWG 22, black, brown, and red component wires: 55A0132-22-0/1/2</p> </div> </div>																																																																			
<p>NOTE: Nominal values are for information only. Nominal values are not requirements.</p>																																																																			
<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><u>1/</u> 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: 0.7em; 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>																																																																
	DIMENSIONS ARE IN INCHES AND, UNLESS OTHERWISE DESIGNATED, ARE NOMINAL																																																																		
	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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