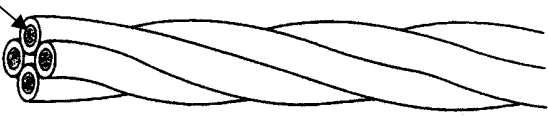


SPECIFICATION CONTROL DRAWING		SCD		55A0141																																																															
Title FOUR CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT		Date 2-12-16		Revision E																																																															
This specification sheet forms a part of the latest issue of Raychem Specification 55A.																																																																			
COMPONENT WIRES - 55A0111  <table border="1" style="width: 100%; border-collapse: collapse;"> <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="padding: 2px 5px;">55A0141-30-*</td><td style="padding: 2px 5px;">30</td><td style="padding: 2px 5px;">.058</td><td style="padding: 2px 5px;">.071</td><td style="padding: 2px 5px;">2.7</td></tr> <tr><td style="padding: 2px 5px;">55A0141-28-*</td><td style="padding: 2px 5px;">28</td><td style="padding: 2px 5px;">.065</td><td style="padding: 2px 5px;">.079</td><td style="padding: 2px 5px;">3.7</td></tr> <tr><td style="padding: 2px 5px;">55A0141-26-*</td><td style="padding: 2px 5px;">26</td><td style="padding: 2px 5px;">.077</td><td style="padding: 2px 5px;">.093</td><td style="padding: 2px 5px;">5.7</td></tr> <tr><td style="padding: 2px 5px;">55A0141-24-*</td><td style="padding: 2px 5px;">24</td><td style="padding: 2px 5px;">.090</td><td style="padding: 2px 5px;">.106</td><td style="padding: 2px 5px;">8.2</td></tr> <tr><td style="padding: 2px 5px;">55A0141-22-*</td><td style="padding: 2px 5px;">22</td><td style="padding: 2px 5px;">.104</td><td style="padding: 2px 5px;">.123</td><td style="padding: 2px 5px;">11.4</td></tr> <tr><td style="padding: 2px 5px;">55A0141-20-*</td><td style="padding: 2px 5px;">20</td><td style="padding: 2px 5px;">.121</td><td style="padding: 2px 5px;">.142</td><td style="padding: 2px 5px;">17.5</td></tr> <tr><td style="padding: 2px 5px;">55A0141-18-*</td><td style="padding: 2px 5px;">18</td><td style="padding: 2px 5px;">.145</td><td style="padding: 2px 5px;">.169</td><td style="padding: 2px 5px;">26.5</td></tr> <tr><td style="padding: 2px 5px;">55A0141-16-*</td><td style="padding: 2px 5px;">16</td><td style="padding: 2px 5px;">.165</td><td style="padding: 2px 5px;">.191</td><td style="padding: 2px 5px;">33.9</td></tr> <tr><td style="padding: 2px 5px;">55A0141-14-*</td><td style="padding: 2px 5px;">14</td><td style="padding: 2px 5px;">.206</td><td style="padding: 2px 5px;">.240</td><td style="padding: 2px 5px;">53.0</td></tr> <tr><td style="padding: 2px 5px;">55A0141-12-*</td><td style="padding: 2px 5px;">12</td><td style="padding: 2px 5px;">.249</td><td style="padding: 2px 5px;">.289</td><td style="padding: 2px 5px;">80.4</td></tr> </table>						CABLE CONSTRUCTION DETAILS					PART NUMBER <u>1/</u>	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)	NOMINAL	MAXIMUM	55A0141-30-*	30	.058	.071	2.7	55A0141-28-*	28	.065	.079	3.7	55A0141-26-*	26	.077	.093	5.7	55A0141-24-*	24	.090	.106	8.2	55A0141-22-*	22	.104	.123	11.4	55A0141-20-*	20	.121	.142	17.5	55A0141-18-*	18	.145	.169	26.5	55A0141-16-*	16	.165	.191	33.9	55A0141-14-*	14	.206	.240	53.0	55A0141-12-*	12	.249	.289	80.4
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CABLE RATINGS AND ADDITIONAL REQUIREMENTS																																																																			
TEMPERATURE RATING: 150°C Maximum continuous conductor temperature VOLTAGE RATING: 600 volts (rms) at sea level DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz INSULATION FLAWS: Spark Test, 5.7 kV (rms) at 3 kHz Impulse Dielectric Test, 8.0 kV (peak)			<u>1/</u> PART NUMBER: 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. Example: AWG 22, black, brown, red, and orange component wires: 55A0141-22-0/1/2/3																																																																
NOTE: Nominal values are for information only. Nominal values are not requirements.																																																																			
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.																																																																			
<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.																																																																			
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