

SPECIFICATION CONTROL DRAWING		SCD		82/0122																																																															
Title TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, OUTER SPACE, FLEXIBLE, 600 VOLT		Date 9-15-17		Revision C																																																															
This specification sheet forms a part of the latest issue of Raychem Specification 80.																																																																			
COMPONENT WIRES - 82/0112  <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 <u>1/</u></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>82/0122-28-*</td><td>28</td><td>.058</td><td>.064</td><td>2.5</td></tr> <tr><td>82/0122-26-*</td><td>26</td><td>.066</td><td>.072</td><td>2.9</td></tr> <tr><td>82/0122-24-*</td><td>24</td><td>.074</td><td>.080</td><td>4.3</td></tr> <tr><td>82/0122-22-*</td><td>22</td><td>.086</td><td>.092</td><td>5.9</td></tr> <tr><td>82/0122-20-*</td><td>20</td><td>.106</td><td>.114</td><td>8.6</td></tr> <tr><td>82/0122-18-*</td><td>18</td><td>.128</td><td>.136</td><td>13.7</td></tr> <tr><td>82/0122-16-*</td><td>16</td><td>.158</td><td>.166</td><td>20.8</td></tr> <tr><td>82/0122-14-*</td><td>14</td><td>.198</td><td>.208</td><td>33.7</td></tr> <tr><td>82/0122-12-*</td><td>12</td><td>.242</td><td>.254</td><td>50.6</td></tr> <tr><td>82/0122-10-*</td><td>10</td><td>.314</td><td>.332</td><td>86.1</td></tr> </table> 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 <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. Example: AWG 24, blue and white component wires: 82/0122-24-6/9						CABLE CONSTRUCTION DETAILS					PART NUMBER <u>1/</u>	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)	NOMINAL	MAXIMUM	82/0122-28-*	28	.058	.064	2.5	82/0122-26-*	26	.066	.072	2.9	82/0122-24-*	24	.074	.080	4.3	82/0122-22-*	22	.086	.092	5.9	82/0122-20-*	20	.106	.114	8.6	82/0122-18-*	18	.128	.136	13.7	82/0122-16-*	16	.158	.166	20.8	82/0122-14-*	14	.198	.208	33.7	82/0122-12-*	12	.242	.254	50.6	82/0122-10-*	10	.314	.332	86.1
CABLE CONSTRUCTION DETAILS																																																																			
PART NUMBER <u>1/</u>	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)																																																															
		NOMINAL	MAXIMUM																																																																
82/0122-28-*	28	.058	.064	2.5																																																															
82/0122-26-*	26	.066	.072	2.9																																																															
82/0122-24-*	24	.074	.080	4.3																																																															
82/0122-22-*	22	.086	.092	5.9																																																															
82/0122-20-*	20	.106	.114	8.6																																																															
82/0122-18-*	18	.128	.136	13.7																																																															
82/0122-16-*	16	.158	.166	20.8																																																															
82/0122-14-*	14	.198	.208	33.7																																																															
82/0122-12-*	12	.242	.254	50.6																																																															
82/0122-10-*	10	.314	.332	86.1																																																															
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. 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.																																																																			
<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.																																																																			
Page 1 of 1	Raychem, TE Connectivity, and TE connectivity (logo) are trademarks.		 Raychem Wire & Cable 501 Oakside Avenue Redwood City, CA 94063-3800 Phone: 1-800-522-6752 Fax: 1-650-361-6297																																																																
	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.																																																																		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[CB1130-000](#)