

SPECIFICATION CONTROL DRAWING

100A0121

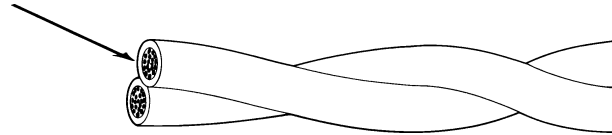
TITLE TWO CONDUCTOR CABLE, HALOGEN FREE, UNSHIELDED, UNJACKETED, 600 VOLT AC, 125°C

Date **10-5-06**

Revision **5**

This specification sheet forms a part of the latest issue of Raychem Specification WCD 3107

COMPONENT WIRES - 100A0111



CONSTRUCTION DETAILS						
PART NUMBER <i>1/</i>	CONDUCTOR SIZE (AWG)	DIAMETER (in.) (mm)			MAXIMUM WEIGHT (lbs/1000 ft.) (kg/km)	
		LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT		
100A0121-24-*	24	.086 (2.19)	.090 (2.29)	.094 (2.39)	4.96 (7.39)	
100A0121-22-*	22	.099 (2.51)	.102 (2.59)	.105 (2.66)	6.88 (10.25)	
100A0121-20-*	20	.115 (2.93)	.118 (3.01)	.121 (3.08)	10.26 (15.29)	
100A0121-18-*	18	.133 (3.38)	.137 (3.49)	.141 (3.59)	15.06 (22.44)	
100A0121-16-*	16	.145 (3.68)	.149 (3.78)	.153 (3.88)	18.94 (28.22)	
100A0121-14-*	14	.179 (4.54)	.183 (4.66)	.188 (4.78)	29.77 (44.35)	
100A0121-12-*	12	.213 (5.41)	.219 (5.56)	.225 (5.72)	43.32 (64.54)	
100A0121-10-*	10	.262 (6.66)	.269 (6.84)	.276 (7.02)	68.54 (102.13)	

WIRE RATINGS AND ADDITIONAL REQUIREMENTS

INSULATION FLAWS:
Impulse Dielectric Test, 8.0 kV (peak)

PART NUMBER:
The "*" in the part numbers in the table shall be replaced by a color code designator with a slash separating the component wire colors.
1/ Example: AWG 22, black and brown: 100A0121-22-0/1

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

^{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.

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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