

SPECIFICATION CONTROL DRAWING		100A0121	
TITLE	TWO CONDUCTOR CABLE, HALOGEN FREE, UNSHIELDED, UNJACKETED, 600 VOLT AC, 125°C	Date 2-9-09	Revision F
This specification sheet forms a part of the latest issue of Raychem Specification WCD 2015.			

COMPONENT WIRES - 100A0111



CONSTRUCTION DETAILS									
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	DIAMETER						MAXIMUM WEIGHT	
		LOWER SPEC LIMIT		TARGET VALUE		UPPER SPEC LIMIT			
		inches	mm	inches	mm	inches	mm	lbs/kft	kg/km
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

CABLE RATINGS AND ADDITIONAL REQUIREMENTS


INSULATION FLAWS:

Impulse Dielectric Test, 8.0 kV (peak)

PART NUMBER:

The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors.

1/ Example: AWG 22, black and brown component wires: 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.			
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	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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