

SPECIFICATION CONTROL DRAWING			SCD		55A0121	
Title TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT			Date 12-11-15		Revision E	
This specification sheet forms a part of the latest issue of Raychem Specification 55A.						
COMPONENT WIRES - 55A0111 						
CABLE CONSTRUCTION DETAILS						
PART NUMBER <u>1/</u>	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)		
		NOMINAL	MAXIMUM			
55A0121-30-*	30	.048	.052	1.3		
55A0121-28-*	28	.054	.058	1.8		
55A0121-26-*	26	.064	.068	2.8		
55A0121-24-*	24	.074	.078	4.0		
55A0121-22-*	22	.086	.090	5.7		
55A0121-20-*	20	.100	.104	8.8		
55A0121-18-*	18	.120	.124	13.3		
55A0121-16-*	16	.136	.140	16.9		
55A0121-14-*	14	.170	.176	26.5		
55A0121-12-*	12	.206	.212	40.2		
55A0121-10-*	10	.256	.268	64.9		
55A0121-8-*	8	.376	.392	120.		
CABLE RATINGS AND ADDITIONAL REQUIREMENTS						
TEMPERATURE RATING: 150°C Maximum continuous conductor temperature			<u>1/</u> PART NUMBER:			
VOLTAGE RATING: 600 volts (rms) at sea level			The "*" in the part numbers above shall be replaced by			
DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz			color code designators with a slash separating the			
INSULATION FLAWS:			component wire colors.			
Spark Test, 5.7 kV (rms) at 3 kHz			Example: AWG 20, black and brown component wires:			
Impulse Dielectric Test, 8.0 kV (peak)			55A0121-20-0/1			
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.						
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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	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.					