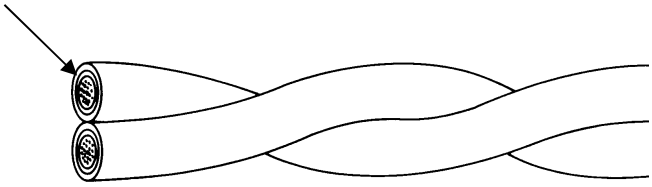
SPECIFICATION CONTROL DRAWING

SCD **55A0821**

Title	Date	Revision
TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT	12-30-16	C

This specification sheet forms a part of the latest issue of Raychem Specification 55A.

COMPONENT WIRES - 55A0811



CABLE CONSTRUCTION DETAILS				
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)
		NOMINAL	MAXIMUM	
55A0821-26-*	26	.080	.084	3.5
55A0821-24-*	24	.090	.094	4.7
55A0821-22-*	22	.100	.104	6.5
55A0821-20-*	20	.116	.120	9.6
55A0821-18-*	18	.140	.146	14.7
55A0821-16-*	16	.154	.160	18.4
55A0821-14-*	14	.188	.194	28.2
55A0821-12-*	12	.222	.228	41.8
55A0821-10-*	10	.268	.276	66.1
55A0821-8-*	8	.390	.406	123.
55A0821-6-*	6	.482	.502	193.
55A0821-4-*	4	.620	.640	306.
55A0821-2-*	2	.816	.840	508.
55A0821-1-*	1	.940	.964	663.
55A0821-0-*	0	1.02	1.05	781.

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)

1/ 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 20, blue and white component wires: 55A0821-20-6/9

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.

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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