



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SPECIFICATION CONTROL DRAWING

SCD

55A0821

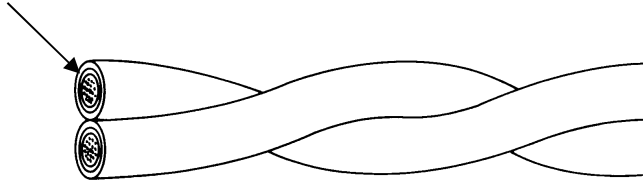
Title TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED,
GENERAL PURPOSE, 600 VOLT

Date 12-30-16

Revision 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.

