



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SPECIFICATION CONTROL DRAWING

SCD

55A0831

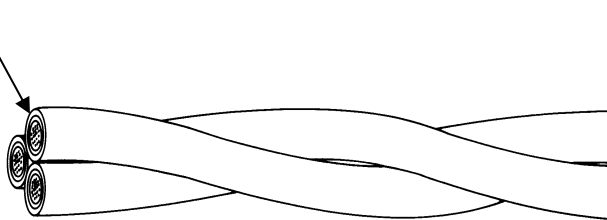
Title THREE CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT

Date 1-13-17

Revision D

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

COMPONENT WIRES - 55A0811



CABLE CONSTRUCTION DETAILS				
PART NUMBER <u>1/</u>	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)
		NOMINAL	MAXIMUM	
55A0831-26-*	26	.086	.091	5.2
55A0831-24-*	24	.097	.102	7.0
55A0831-22-*	22	.108	.112	9.8
55A0831-20-*	20	.125	.130	14.4
55A0831-18-*	18	.151	.158	22.0
55A0831-16-*	16	.166	.173	27.5
55A0831-14-*	14	.203	.210	42.2
55A0831-12-*	12	.240	.246	62.7
55A0831-10-*	10	.289	.298	99.1
55A0831-8-*	8	.421	.438	185.
55A0831-6-*	6	.521	.542	289.
55A0831-4-*	4	.670	.691	459.

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. Colors shown do not necessarily reflect the sequence of manufacturing.


Example: AWG 22, orange, blue, and white component wires: 55A0831-22-3/6/9

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.

Page 1 of 1	Raychem, TE Connectivity, TE connectivity (logo), and TE (logo) are trademarks.	 <p>Raychem Wire & Cable 501 Oakside Avenue Redwood City, CA 94063-3800 Phone: 1-800-522-6752 Fax: 1-650-361-6297</p>
	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.	