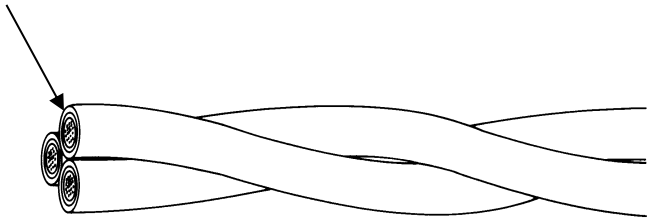


SPECIFICATION CONTROL DRAWING		SCD		
55A0833				
Title	THREE CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT	Date	1-13-17	
		Revision	E	
This specification sheet forms a part of the latest issue of Raychem Specification 55A.				
<div style="margin-bottom: 10px;">COMPONENT WIRES - 55A0813</div> 				
CABLE CONSTRUCTION DETAILS				
PART NUMBER <u>1/</u>	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)
		NOMINAL	MAXIMUM	
55A0833-26-*	26	.086	.091	5.2
55A0833-24-*	24	.097	.102	7.0
55A0833-22-*	22	.108	.112	9.8
55A0833-20-*	20	.125	.130	14.4
55A0833-18-*	18	.151	.158	22.0
55A0833-16-*	16	.166	.173	27.5
55A0833-14-*	14	.203	.210	42.2
55A0833-12-*	12	.240	.246	62.7
55A0833-10-*	10	.289	.298	99.1
55A0833-8-*	8	.421	.438	196.
55A0833-6-*	6	.521	.542	296.
55A0833-4-*	4	.670	.691	499.
55A0833-2-*	2	.881	.907	783.
55A0833-1-*	1	1.02	1.04	995.

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°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: 55A0833-22-3/6/9

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.

<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.	
Page 1 of 1	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 60%;"> <p>Raychem, TE Connectivity, TE connectivity (logo), and TE (logo) are trademarks.</p> <p>DIMENSIONS ARE IN INCHES AND, UNLESS OTHERWISE DESIGNATED, ARE NOMINAL</p> <p>THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.</p> </div> <div style="width: 35%; text-align: center;">  <p>Raychem Wire & Cable 501 Oakside Avenue Redwood City, CA 94063-3800 Phone: 1-800-522-6752 Fax: 1-650-361-6297</p> </div> </div>

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