SPECIFICATION CONTROL DRAWING

SCD	**55A4122**

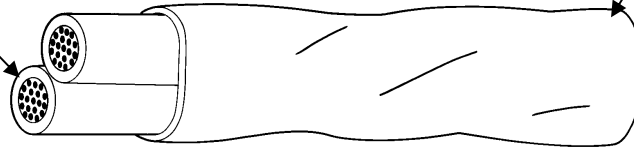| Title	Date	Revision
TWO CONDUCTOR CABLE, JACKETED, GENERAL PURPOSE, 600 VOLT	12-8-15	D

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

COMPONENT WIRES - 55A0112

JACKET - RADIATION-CROSSLINKED, MODIFIED ETFE

CABLE CONSTRUCTION DETAILS

PART NUMBER 1/	CONDUCTOR SIZE (AWG)	JACKET THICKNESS (inch)		OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)
		MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
55A4122-30-*	30	.006	.008	.064	.069	2.6
55A4122-28-*	28	.006	.008	.070	.075	3.3
55A4122-26-*	26	.006	.008	.080	.085	4.5
55A4122-24-*	24	.006	.008	.090	.095	5.9
55A4122-22-*	22	.006	.008	.102	.107	7.8
55A4122-20-*	20	.006	.008	.116	.122	11.2
55A4122-18-*	18	.006	.008	.136	.143	16.1
55A4122-16-*	16	.006	.008	.152	.160	20.1
55A4122-14-*	14	.006	.008	.186	.195	30.5
55A4122-12-*	12	.007	.009	.224	.235	45.6
55A4122-10-*	10	.007	.009	.274	.288	72.6
55A4122-8-*	8	.008	.010	.396	.416	134.

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
 Maximum continuous conductor temperature
VOLTAGE RATING: 600 volts (rms) at sea level
ACCELERATED AGING: 300 ± 3°C for 7 hours
BLOCKING: 200 ± 3°C for 6 hours
DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
FLAMMABILITY (Procedure 1):
 3 seconds (maximum); 3 inches (maximum);
 no flaming of facial tissue
JACKET COLOR: White preferred
JACKET ELONGATION AND TENSILE STRENGTH:
 Elongation, 50% (minimum)
 Tensile Strength, 5000 lbf/in² (minimum)

LIFE CYCLE: 230 ± 3°C for 500 hours
LOW TEMPERATURE-COLD BEND: -65 ± 2°C for 4 hours

1/ PART NUMBER:
 The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors and a dash separating the component wire colors from the jacket color.
 Example: AWG 20, black and brown component wires; white jacket: 55A4122-20-0/1-9

NOTE: Nominal values are for information only. Nominal values are not requirements.

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.

Raychem, TE Connectivity, TE connectivity (logo), and TE (logo) are trademarks.

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.

TE connectivity

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Multi-Conductor Cables *category:*

Click to view products by TE Connectivity *manufacturer:*

Other Similar products are found below :

89182-010-1000 89705-008-500 6000FE-877-1000 CS2885-000 M27500-20SP2S23 6300FE-877-U1000 6309UE-877-1000 M3905-BK005 6502FE 8771000 6541PA-008-U1000 CV6807-000 CW9530-000 CX6543-000 CXA-0066-20-4-9CS2973 CXA-0078-16-1-9CS2405 CXA-0078-22-4-9CS2405 CXA-0078-24-4-9CS2405 CXA-0140-16-6/9-9CS2405 CY0660-000 720451-000 752687-000 768146-000 773159-000 82841-877-5000 83318E-009-500 8348-060-500 83559-002-1000 83653-002-5000 83659-002-1000 83709-002-1000 8404-060-500 8469 060100 858171-000 8628-060-500 868361-001 8730-060-1000 8737-060-U1000 8747-060-100 8747-060-1000 8769-060-1000 8775-060-500 877541-000 8780-060-1000 8782-001-U1000 88444-002-1000 9159-060-500 939870-000 9423 060U500 9444 060U1000 9497 0001000