

SPECIFICATION CONTROL DRAWING

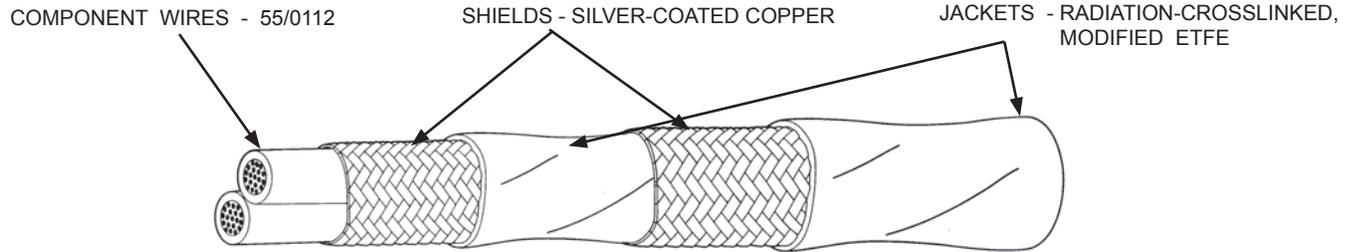
55/7569

TITLE
TWO CONDUCTOR CABLE, DOUBLE FLAT BRAID SHIELDED, DOUBLE JACKETED, OUTER SPACE, 600 VOLT

Date
8-5-10

Revision
B

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



CABLE CONSTRUCTION DETAILS							
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	SHIELD STRAND THICKNESS (± .0004 inch) (each)	JACKET THICKNESS (in.) (each)		OUTSIDE DIAMETER (in.)		MAXIMUM WEIGHT (lbs/1000 ft.)
			MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
55/7569-26-*	26	.0015	.006	.008	.110	.116	10.5
55/7569-24-*	24	.0015	.006	.008	.120	.126	12.7
55/7569-22-*	22	.0015	.006	.008	.132	.139	15.4
55/7569-20-*	20	.0015	.006	.008	.146	.153	19.7
55/7569-18-*	18	.0015	.006	.008	.166	.174	26.0
55/7569-16-*	16	.0015	.006	.008	.182	.191	31.1

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms) at sea level
 CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour
 DIELECTRIC WITHSTAND:
 1500 volts (rms), 60 Hz, conductor to conductor
 500 volts (rms), 60 Hz, shield to shield
 JACKET COLOR: White preferred
 JACKET ELONGATION: 50% (minimum) (each)
 JACKET FLAWS:
 Spark Test, 1.0 kV (rms)
 Impulse Dielectric Test, 6.0 kV (peak)

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

RADIATION RESISTANCE: 500 megarads
 SHIELD COVERAGE: 85% (minimum) (each)
 VACUUM STABILITY:
 Total Mass Loss (TML), 1.00% (maximum)
 Volatile Condensable Material, 0.10% (maximum)
 VOLTAGE WITHSTAND TEST (Post Environmental):
 1500 volts (rms), 60 Hz, 1 minute

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 inner jacket color and a dash separating the inner jacket color from the outer jacket color.
 1/ Example: AWG 22, black and brown component wires; white inner jacket and white outer jacket:
 55/7569-22-0/1-9-9

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.
 Tyco Electronics 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.



Raychem Wire & Cable
 501 Oakside Avenue
 Redwood City, CA 94063-3800
 Phone: 1-800-227-8816
 Fax: 1-650-361-6297