

SPECIFICATION CONTROL DRAWING

55PC2111

TITLE

ONE CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, 600 VOLT

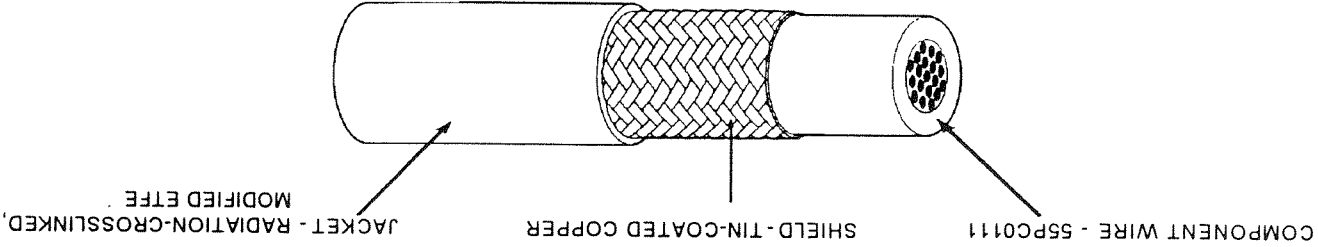
Date

11-13-95

Revision

E

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



CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD STRAND THICKNESS (± .0004)	JACKET THICKNESS (in.)		DIAMETER (in.)		WEIGHT (lbs/1000 ft.)
			LOWER SPEC	TARGET	LOWER SPEC	TARGET	
55PC2111-24	24	.0015	.0055	.0070	.052	.056	3.82
55PC2111-22	22	.0015	.0055	.0070	.058	.062	4.97
55PC2111-20	20	.0015	.0055	.0070	.066	.074	6.75
55PC2111-18	18	.0015	.0055	.0070	.075	.084	9.41
55PC2111-16	16	.0015	.0055	.0070	.083	.087	11.48
55PC2111-14	14	.0015	.0055	.0070	.097	.102	16.57
55PC2111-12	12	.0015	.0060	.0075	.117	.122	24.40
55PC2111-10	10	.0015	.0060	.0075	.142	.148	37.42

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms)
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
 CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour
 JACKET COLOR: White preferred
 JACKET ELONGATION AND TENSILE STRENGTH:
 Elongation, 50% (minimum)
 Tensile Strength, 5000 lbf/in² (minimum)
 JACKET FLAWS:
 Spark Test, 1000 volts (rms), 60 Hz, 100% test
 Impulse Dielectric Test, 6.0 kV (peak), 100% test

SHIELD COVERAGE: 85% (minimum)
 VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL):
 1000 volts (rms), 60 Hz, 1 minute

PART NUMBER:
 The "*" in the part numbers above shall be replaced by a color code designator with a dash separating the component wire color from the jacket color.
 Example: AWG 22, white component wire; white jacket: 55PC2111-22-9-9

COLOR AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-881.

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN, REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF APPLICATION FOR BID.

Raychem

Raychem Corporation
 300 Constitution Drive, Menlo Park, California 94025
 1-800-2-Raychem Fax: 1-415-361-6297

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Hook-up Wire](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[002333-000](#) [M81044/12-22-6](#) [M81044/9-8-9](#) [743094-001](#) [81044/12-18-9CS3209](#) [ATFC0311-20-5D](#) [EF5675-000](#) [BFWUL3239-24-PINK](#)
[22759/34-16-9CS2621](#) [22759/42-24-9CS2620](#) [933205-000](#) [30802-009-250](#) [99M0111-20-2](#) [A00594-000](#) [190571-000](#) [22759/41-12-9CS2620](#)
[22759/41-16-9CS2620](#) [22759/43-10-9CS2873](#) [CM9524-000](#) [31510-010-250](#) [34401-010-250](#) [34402-010-500](#) [M81044/9-4-9](#) [391441-BK007](#)
[400R0111-10-9](#) [431660-000](#) [ATFC0311-20-0](#) [44/7024-26-9-9](#) [44A0112-22-9CS3184](#) [BFW-UL3239-24-WHITE](#) [55/0312-26-6L-CS2570](#)
[55A0811-12-9](#) [55A6087-20-9-9-9](#) [55A7400-22-9/96-9CS2275](#) [55A9002-30-5](#) [55PC0211-20-5CS2502](#) [55PC0811-6-9CS2637](#) [55PC1211-22-](#)
[9-9CS3278](#) [C07683-000](#) [34020-008-2000](#) [391850-BK199](#) [392075-RD199](#) [W28-6HU](#) [44A0112-24-9CS3184](#) [44A0211-16-8-1KF/1](#)
[44A0211-16-9CS3030](#) [084299-000](#) [100E0111-0.50-9](#) [100E0111-0.75-9](#) [10603-0-0CS1803](#)