

SPECIFICATION CONTROL DRAWING

55PC1113

TITLE

ONE CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT

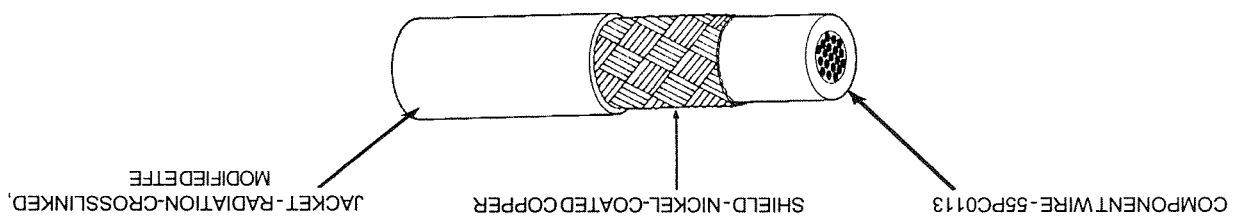
Date

08-06-01

Revision

A

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



CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (in.)		DIAMETER (in.)		WEIGHT (lbs/1000 ft.)
			TARGET	LOWER SPEC LIMIT	TARGET	UPPER SPEC LIMIT	
55PC1113-26*	38	38	.0050	.0060	.060	.064	4.24
55PC1113-24*	38	38	.0050	.0060	.061	.069	5.12
55PC1113-22*	38	38	.0050	.0060	.071	.074	6.41
55PC1113-20*	38	38	.0050	.0060	.075	.083	8.37
55PC1113-18*	38	38	.0050	.0060	.085	.092	11.22
55PC1113-16*	38	38	.0050	.0060	.096	.100	13.46
55PC1113-14*	38	38	.0050	.0060	.110	.114	18.85
55PC1113-12*	38	38	.0050	.0065	.126	.130	27.15
55PC1113-10*	38	10	.0050	.0065	.151	.157	41.05

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms)
 CROSSLINKING PROOF TEST: 300 ± 3°C for 1 hour
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
 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), 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: 55PC1113-22-9-9

COLOR AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681.

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



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[9CS2632](#) [55A7400-22-9/96-9CS2275](#) [55A9002-30-5](#) [55PC0211-20-5CS2502](#) [55PC0811-6-9CS2637](#) [55PC1211-22-9-9CS3278](#) [C07683-000](#)
[32820-009-5000](#) [34020-008-2000](#) [391850-BK199](#) [392075-RD199](#)