

SPECIFICATION CONTROL DRAWING

TITLE

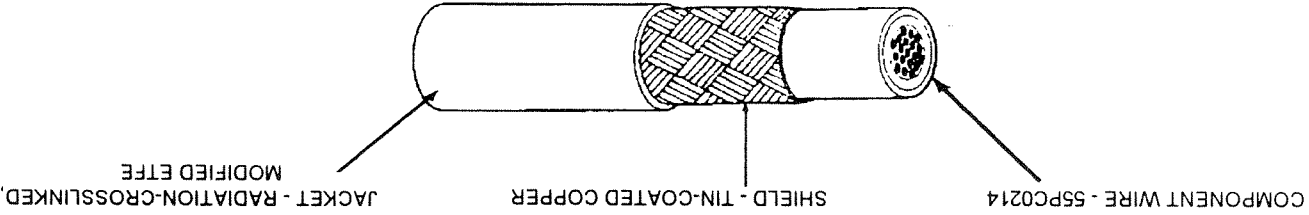
ONE CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT

Date 3-1-94

Revision

55PC1214

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



PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (in.)		DIAMETER (in.)		WEIGHT (lbs/1000 ft.)
			LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	
55PC1214-26*	38	26	.0050	.0060	.064	.068	4.40
55PC1214-24*	38	24	.0050	.0060	.069	.073	5.28
55PC1214-22*	38	22	.0050	.0060	.075	.079	6.59
55PC1214-20*	38	20	.0050	.0060	.080	.087	8.62
55PC1214-18*	38	18	.0050	.0060	.089	.097	11.43
55PC1214-16*	38	16	.0050	.0060	.100	.104	13.68

CONSTRUCTION DETAILS

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
 CROSSLINKING PROOF TEST: 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: 55PC1214-22-9-9

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 AUTION FOR BID.

Raychem

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