

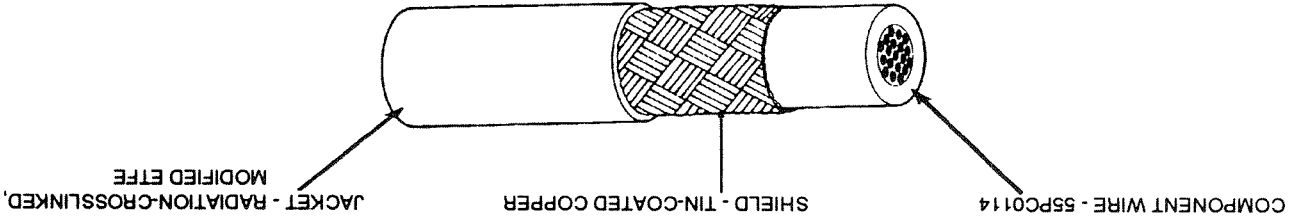
SPECIFICATION CONTROL DRAWING

55PC1114

TITLE

ONE CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT

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.)
			LOWER SPEC LIMIT	TARGET VALUE	LOWER SPEC LIMIT	TARGET VALUE	
55PC1114-26*	38	38	.0050	.0060	.060	.064	4.24
55PC1114-24*	38	38	.0050	.0060	.065	.069	5.12
55PC1114-22*	38	38	.0050	.0060	.068	.074	6.41
55PC1114-20*	38	38	.0050	.0060	.075	.083	8.37
55PC1114-18*	38	38	.0050	.0060	.085	.092	11.22
55PC1114-16*	38	38	.0050	.0060	.092	.100	13.46

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

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: 55PC1114-22-9-9

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

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 SUBMITTATION FOR BID.

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