

SPECIFICATION CONTROL DRAWING

55PC1134

TITLE

THREE CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT

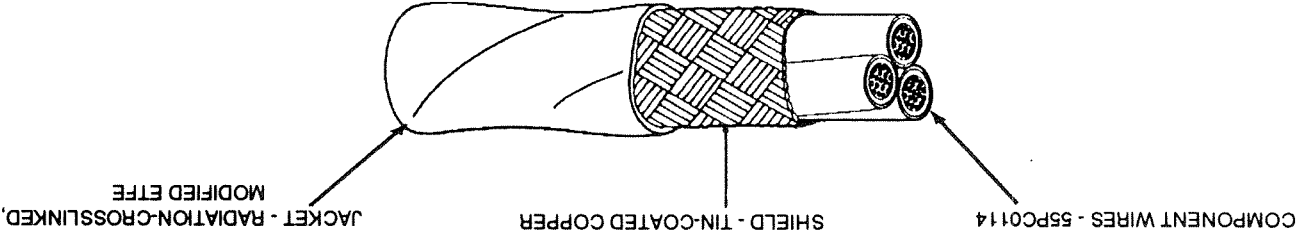
Date

1-15-93

Revision

B

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 WALL	LOWER SPEC LIMIT	TARGET VALUE	
55PC1134-26*	38	38	.0055	.0070	.094	.102	8.87
55PC1134-24*	38	38	.0055	.0070	.104	.108	11.23
55PC1134-22*	38	38	.0060	.0075	.118	.127	14.85
55PC1134-20*	38	38	.0060	.0075	.135	.144	20.30
55PC1134-18*	38	38	.0060	.0075	.155	.160	28.14
55PC1134-16*	38	38	.0060	.0080	.172	.177	34.67
							35.57

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 slash separating the component wire colors and a dash separating the component wire colors from the jacket color.
 Example: AWG 22, red, blue and yellow component wires; white jacket: 55PC1134-22-2/6/4-9

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 PUBLICATION FOR BID.

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