

SPECIFICATION CONTROL DRAWING

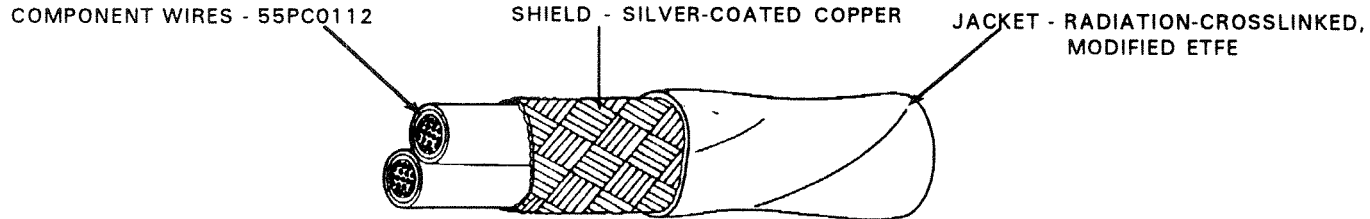
55PC1122

TITLE TWO CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT

Date 1-7-94

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.)	
			LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC1122-24*	24	38	.0050	.0065	.097	.101	.105	8.55	8.91
55PC1122-22*	22	38	.0050	.0065	.109	.114	.119	11.10	11.60
55PC1122-20*	20	38	.0055	.0070	.126	.130	.134	14.95	15.44
55PC1122-18*	18	38	.0055	.0070	.145	.149	.154	20.40	21.03
55PC1122-16*	16	38	.0055	.0070	.159	.164	.169	24.81	25.54
55PC1122-14*	14	38	.0060	.0075	.189	.194	.199	35.52	36.41
55PC1122-12*	12	38	.0060	.0080	.227	.233	.238	51.71	52.88

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), 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, white and black component wires;
 white jacket: 55PC1122-22-9/0-9

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

Raychem

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