

SPECIFICATION CONTROL DRAWING

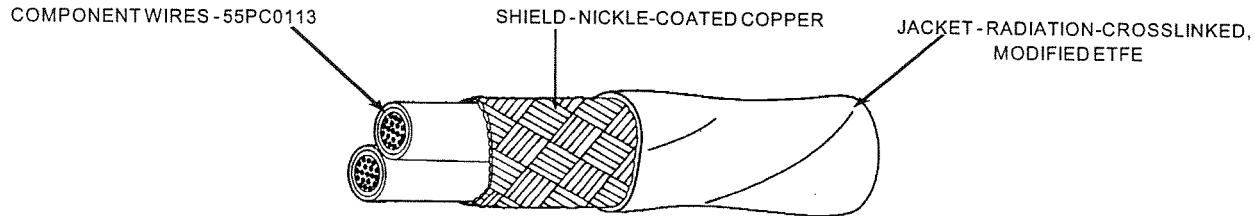
55PC1123

TITLE TWO CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT

Date 08-07-01

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.)	
			LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC1123-26-*	26	38	.0050	.0065	.088	.092	.096	6.86	7.22
55PC1123-24-*	24	38	.0050	.0065	.097	.101	.105	8.55	8.91
55PC1123-22-*	22	38	.0050	.0065	.109	.114	.119	11.10	11.60
55PC1123-20-*	20	38	.0055	.0070	.126	.130	.134	14.95	15.44
55PC1123-18-*	18	38	.0055	.0070	.145	.149	.154	20.40	21.03
55PC1123-16-*	16	38	.0055	.0070	.159	.164	.169	24.81	25.54
55PC1123-14-*	14	38	.0060	.0075	.189	.194	.199	35.52	36.41
55PC1123-12-*	12	38	.0060	.0080	.227	.233	.238	51.71	52.88
55PC1123-10-*	10	36	.0065	.0085	.280	.291	.302	81.65	85.95

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 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: 55PC1123-22-9/0-9

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.



300 Constitution Drive, Menlo Park, California 94025
 1-800-2 RAYCHEM FAX: 1-650-361-6297