SPECIFICATION CONTROL DRAWING

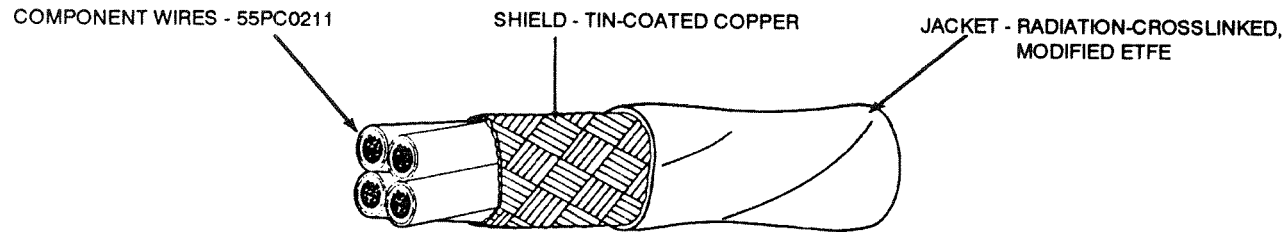
55PC1241

TITLE: FOUR CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT

Date: 1-15-93

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
55PC1241-26-*	26	38	.0060	.0080	.109	.123	.137	12.22	12.84
55PC1241-24-*	24	38	.0060	.0080	.119	.135	.150	15.35	15.96
55PC1241-22-*	22	38	.0060	.0080	.132	.150	.168	20.07	20.74
55PC1241-20-*	20	38	.0065	.0085	.150	.173	.195	27.62	28.50
55PC1241-18-*	18	38	.0065	.0085	.173	.197	.221	38.16	39.24
55PC1241-16-*	16	38	.0065	.0085	.188	.217	.245	46.71	47.95
55PC1241-14-*	14	38	.0070	.0090	.224	.256	.289	67.69	69.25
55PC1241-12-*	12	36	.0075	.0095	.270	.311	.351	102.69	104.99

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, yellow and green component wires; white jacket: 55PC1241-22-2/6/4/5-9

COLOR AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681.

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HERIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

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