

SPECIFICATION CONTROL DRAWING

55PC4231

TITLE

THREE CONDUCTOR CABLE, JACKETED, 600 VOLT

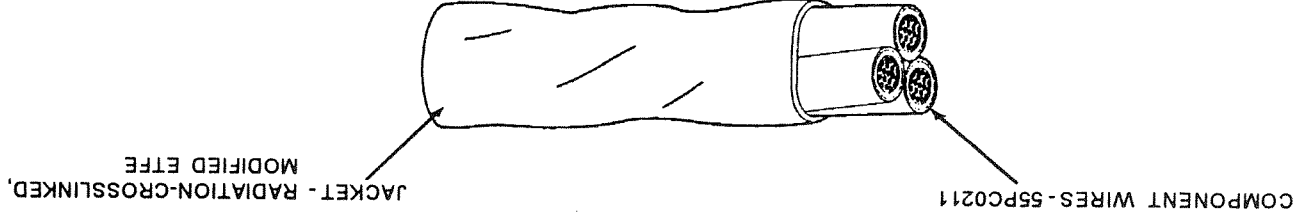
Date

3-27-96

Revision

C

This specification sheet forms a part of the latest issue of Raychem Specification 55PC.



CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	JACKET THICKNESS (in.)		DIAMETER (in.)		WEIGHT (lbs/1000 ft.)	
		LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	UPPER SPEC LIMIT
55PC4231-24*	24	.0055	.0070	.100	.105	7.69	8.21
55PC4231-22*	22	.0055	.0070	.108	.113	10.69	11.28
55PC4231-20*	20	.0060	.0075	.132	.137	15.61	16.30
55PC4231-18*	18	.0060	.0075	.148	.153	22.65	23.50
55PC4231-16*	16	.0060	.0080	.164	.170	28.52	29.53
55PC4231-14*	14	.0060	.0080	.197	.202	42.77	44.03
55PC4231-12*	12	.0060	.0080	.237	.244	64.30	65.87

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
 CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour
 JACKET COLOR: White preferred

JACKET ELONGATION AND TENSILE STRENGTH:
 Elongation, 50% (minimum)
 Tensile Strength, 5000 lbf/in² (minimum)

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 20, red, blue and yellow component wires; white jacket: 55PC4231-20-2/6/4-9

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 INVITATION FOR BID.



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