

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.

COMPONENT WIRES - 55PC0211

JACKET - RADIATION-CROSSLINKED,
MODIFIED ETFE



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	TARGET VALUE	UPPER SPEC LIMIT
55PC4231-24-*	24	.0055	.0070	.095	.100	.105	7.69	8.21
55PC4231-22-*	22	.0055	.0070	.108	.113	.118	10.69	11.28
55PC4231-20-*	20	.0060	.0075	.127	.132	.137	15.61	16.30
55PC4231-18-*	18	.0060	.0075	.148	.153	.158	22.65	23.50
55PC4231-16-*	16	.0060	.0080	.164	.170	.176	28.52	29.53
55PC4231-14-*	14	.0060	.0080	.197	.202	.208	42.77	44.03
55PC4231-12-*	12	.0060	.0080	.237	.244	.250	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-681.

Raychem

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