

SPECIFICATION CONTROL DRAWING

55PC4833

TITLE

THREE CONDUCTOR CABLE, JACKETED, 600 VOLT

Date

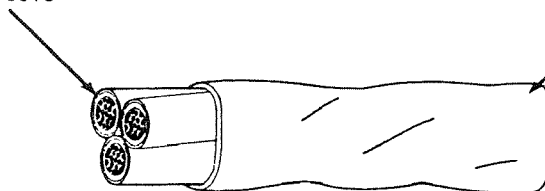
4-19-99

Revision

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

COMPONENT WIRES - 55PC0813

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
55PC4833-26-*	26	.0060	.0080	.095	.099	.103	6.45	7.08
55PC4833-24-*	24	.0060	.0080	.106	.111	.116	8.71	9.40
55PC4833-22-*	22	.0065	.0085	.120	.125	.130	11.99	12.79
55PC4833-20-*	20	.0065	.0085	.137	.143	.149	17.03	17.96
55PC4833-18-*	18	.0065	.0085	.159	.165	.171	24.52	25.86
55PC4833-16-*	16	.0070	.0090	.177	.183	.189	30.79	32.31
55PC4833-14-*	14	.0070	.0090	.211	.217	.223	45.94	47.91
55PC4833-12-*	12	.0070	.0090	.251	.258	.265	68.10	70.58
55PC4833-10-*	10	.0075	.0095	.298	.306	.315	103.70	107.57
55PC4833- 8-*	8	.0080	.0100	.426	.443	.458	183.96	194.46

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms)

CROSSLINK VERIFICATION: 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)

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:
55PC4833-20-2/3/4-9

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

Raychem

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