

SPECIFICATION CONTROL DRAWING

55PC4833

TITLE

THREE CONDUCTOR CABLE, JACKETED, 600 VOLT

Date

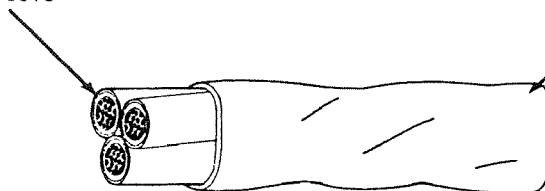
4-19-99

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:
55PC4833-20-2/6/4-9

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.

Raychem

Raychem Corporation
300 Constitution Drive, Menlo Park, California 94025
1-800-2.RAYCHEM Fax: 1-650-361-6297