

# SPECIFICATION CONTROL DRAWING

55PC4836

TITLE

THREE CONDUCTOR CABLE, JACKETED, 600 VOLT

Date

12/13/01

Revision

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

COMPONENT WIRES - 55PC0816

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
55PC4836-26-*	26	.0060	.0080	.095	.099	.103	6.45	7.08
55PC4836-24-*	24	.0060	.0080	.106	.111	.116	8.71	9.40
55PC4836-22-*	22	.0065	.0085	.120	.125	.130	11.99	12.79
55PC4836-20-*	20	.0065	.0085	.137	.143	.149	17.03	17.96
55PC4836-18-*	18	.0065	.0085	.159	.165	.171	24.52	25.86
55PC4836-16-*	16	.0070	.0090	.177	.183	.189	30.79	32.31

## 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/in<sup>2</sup> (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:

55PC4836-20-2/6/4-9

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.

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