

# SPECIFICATION CONTROL DRAWING

55PC6016

TITLE

TWO CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, 600 VOLT

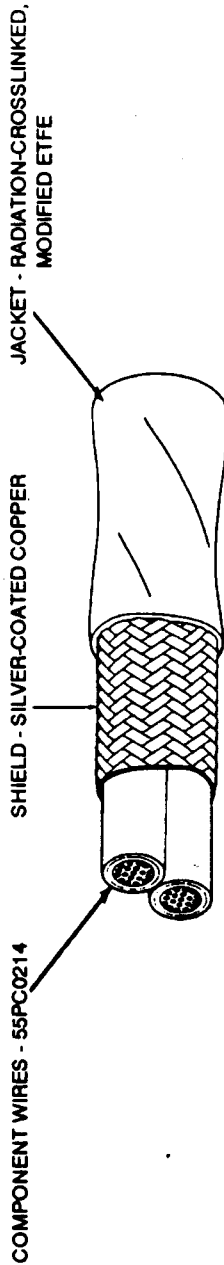
Date

1-25-93

Revision

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



PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD STRAND THICKNESS ( $\pm .0004$ )	JACKET THICKNESS (in.)		DIAMETER (in.)		WEIGHT (lbs/1000 ft.)	
			LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	TARGET VALUE	UPPER SPEC LIMIT
			55PC6016-26*	26	.0015	.0075	.087	.092
55PC6016-24*	24	.0015	.0075	.097	.102	.107	7.49	8.01
55PC6016-22*	22	.0015	.0075	.109	.114	.119	9.84	10.48
55PC6016-20*	20	.0015	.0080	.127	.132	.137	13.63	14.30
55PC6016-18*	18	.0015	.0080	.146	.151	.156	18.85	19.72
55PC6016-16*	16	.0015	.0080	.160	.166	.172	23.08	24.07

### CONSTRUCTION DETAILS

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C  
 Maximum continuous conductor temperature  
 VOLTAGE RATING: 600 volts (rms)  
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz  
 CROSSLINKING PROOF TEST: 300  $\pm$  3°C for 1 hour  
 JACKET COLOR: White preferred  
 JACKET ELONGATION AND TENSILE STRENGTH:  
 Elongation, 50% (minimum)  
 Tensile Strength, 5000 lb/in<sup>2</sup> (minimum)  
 JACKET FLAWS:  
 Spark Test, 1000 volts (rms), 60 Hz, 100% test  
 Impulse Dielectric Test, 6.0 kV (peak), 100 % test

SHIELD COVERAGE: 85% (minimum)  
 VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL):  
 1000 volts (rms), 60 Hz, 1 minute

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 24, red and blue component wires, white jacket: 55PC6016-24-2/6-9

COLOR AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-461.

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

**Raychem**

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单击下面可查看定价，库存，交付和生命周期等信息

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