

SPECIFICATION CONTROL DRAWING

55PC6116

TITLE

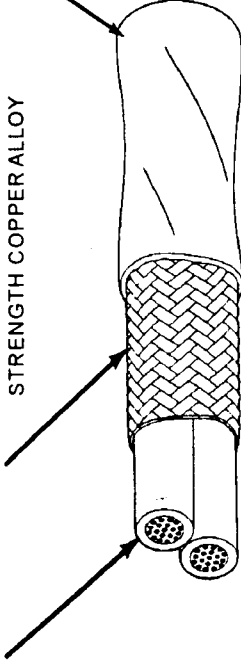
TWO CONDUCTOR CABLE, FLAT BRAID SHIELDED,
JACKETED, 600 VOLT

Date 8-7-97

Revision

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

COMPONENT WIRES - 55PC011A
SHIELD - SILVER-COATED HIGH STRENGTH COPPER ALLOY
JACKET - RADIATION-CROSSLINKED, MODIFIED ETFE



CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD STRAND THICKNESS ($\pm .0004$ inch)	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
55PC6116-26.*	26	.0015	.0060	.0075	.080	.085	.080	5.28	5.71

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms)

CROSSLINK VERIFICATION: 300 \pm 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)

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 number above shall be replaced

by color code designators with a slash separating

the component wire colors and a dash separating

the component wire colors from the jacket color.

Example: AWG 26, red and blue component wires;

white jacket: 55PC6116-26-2/6-9

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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