

SPECIFICATION CONTROL DRAWING

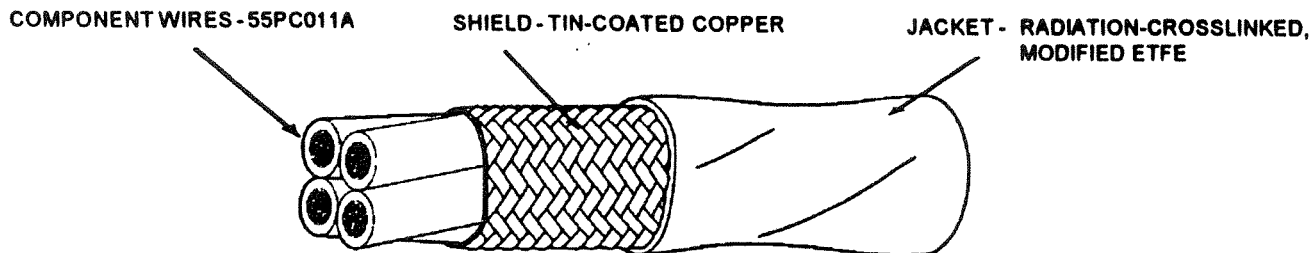
55PC214A

TITLE **FOUR CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, 600 VOLT**

Date **3-15-95**

Revision

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



CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD STRAND THICKNESS (± .0004)	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
55PC214A-26-	28	.0015	.0065	.0085	.093	.106	.119	8.98	9.59

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
 Maximum continuous conductor temperature
VOLTAGE RATING: 600 volts (rms)
DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
CROSSLINKING PROOF TEST: 300 ± 3°C for 1 hour
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 numbers above shall be replaced by a color code designators with a dash separating the component wire color from the jacket color.
 Example: AWG 26, red, blue, yellow and green component wires; white jacket: 55PC214A-26-2/6/4/5-9

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