

SPECIFICATION CONTROL DRAWING

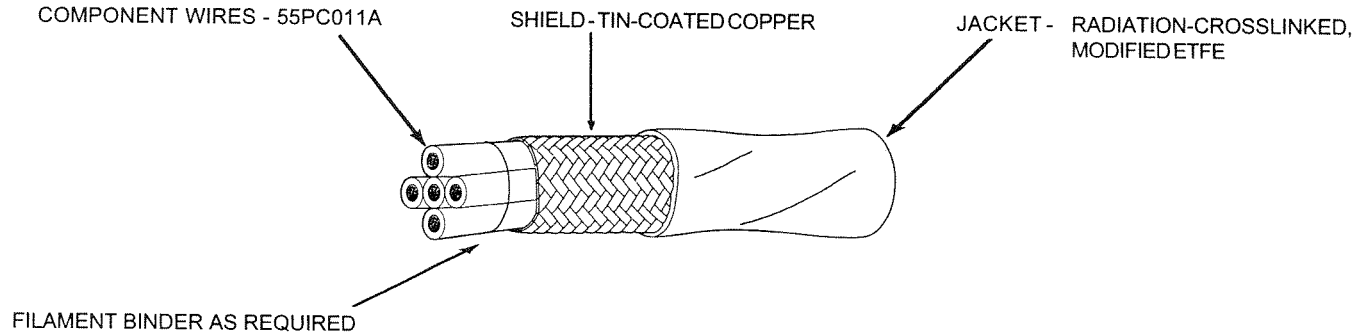
55PC215A

TITLE FIVE CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, 600 VOLT

Date 06-19-00

Revision A

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
55PC215A-26-*	26	.0015	.0065	.0085	.100	.113	.126	11.32	12.07

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°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)
JACKET FLAWS:
 Spark Test, 1000 volts (rms), 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: Red, blue, yellow, green and black component wires; white jacket:
 55PC215A-26-2/6/4/5/0-9

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