

SPECIFICATION CONTROL DRAWING

55PC2222

TITLE

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

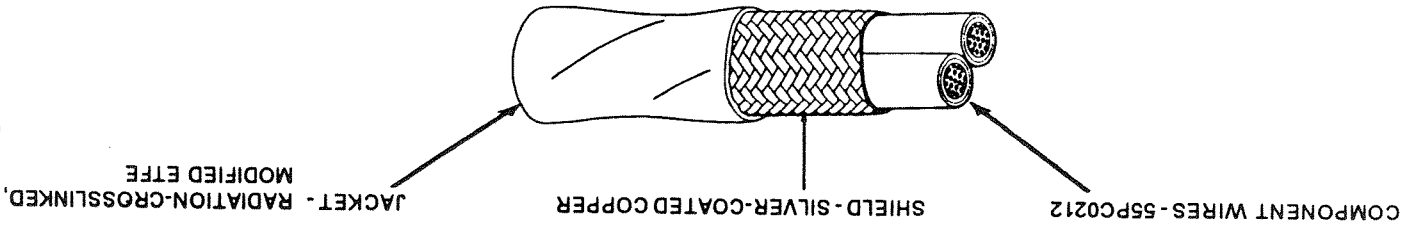
Date

2-12-96

Revision

C

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



CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD THICKNESS (± .0004)	JACKET THICKNESS (in.)		DIAMETER (in.)		WEIGHT (lbs/1000 ft.)
			LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	
55PC2222-26	.0015	.0060	.0075	.0075	.092	.097	6.38
55PC2222-24	.0015	.0060	.0075	.0075	.101	.105	8.01
55PC2222-22	.0015	.0060	.0075	.0075	.113	.118	10.48
55PC2222-20	.0015	.0060	.0080	.0080	.126	.131	14.30
55PC2222-18	.0015	.0060	.0080	.0080	.144	.150	19.72
55PC2222-16	.0015	.0060	.0080	.0080	.159	.165	24.07
55PC2222-14	.0015	.0065	.0085	.0085	.190	.196	34.76
55PC2222-12	.0015	.0070	.0090	.0090	.228	.235	50.80
55PC2222-10	.0015	.0075	.0095	.0095	.276	.284	76.79

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
 CROSSLINK VERIFICATION: 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)
 1000 volts (rms), 60 Hz, 1 minute
 VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL):

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: 55PC2222-24-2/6-9

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

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

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