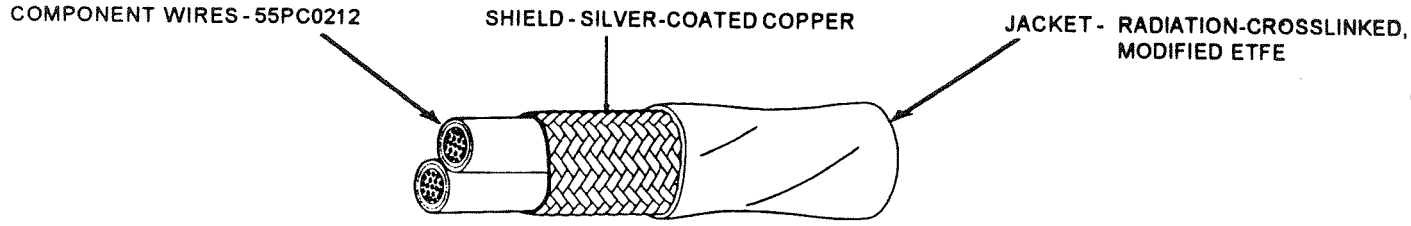
SPECIFICATION CONTROL DRAWING

55PC2222

TITLE	Date	Revision
TWO CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, 600 VOLT	2-12-96	C

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
55PC2222-26-*	26	.0015	.0060	.0075	.087	.092	.097	5.88	6.38
55PC2222-24-*	24	.0015	.0060	.0075	.096	.101	.105	7.49	8.01
55PC2222-22-*	22	.0015	.0060	.0075	.108	.113	.118	9.84	10.48
55PC2222-20-*	20	.0015	.0060	.0080	.126	.131	.136	13.63	14.30
55PC2222-18-*	18	.0015	.0060	.0080	.144	.150	.155	18.85	19.72
55PC2222-16-*	16	.0015	.0060	.0080	.159	.165	.170	23.08	24.07
55PC2222-14-*	14	.0015	.0065	.0085	.190	.196	.201	33.59	34.76
55PC2222-12-*	12	.0015	.0070	.0090	.228	.235	.241	49.25	50.80
55PC2222-10-*	10	.0015	.0075	.0095	.276	.284	.291	74.61	76.79

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
Maximum continous 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)
Tensil 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 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 HERIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

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