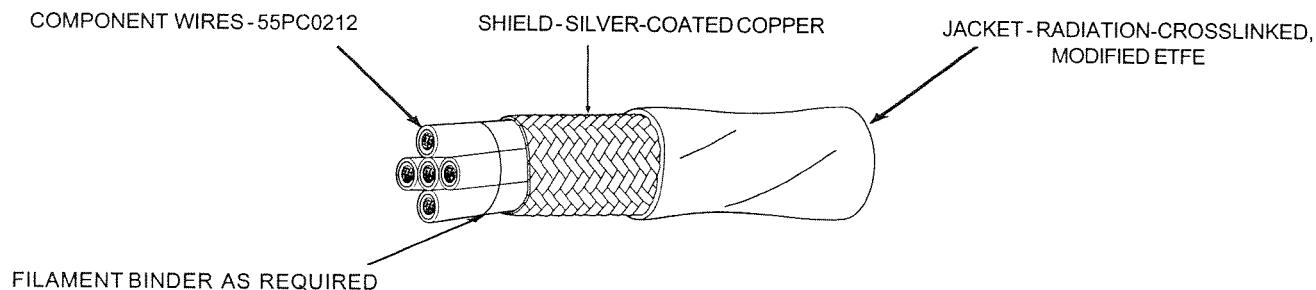


SPECIFICATION CONTROL DRAWING

55PC2252TITLE
FIVE CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, 600 VOLTDate
6-13-00Revision
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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
55PC2252-26-*	26	.0015	.0070	.0090	.110	.123	.136	12.49	13.34
55PC2252-24-*	24	.0015	.0070	.0090	.117	.134	.150	15.65	16.58
55PC2252-22-*	22	.0015	.0070	.0090	.132	.150	.168	21.14	22.16
55PC2252-20-*	20	.0015	.0075	.0095	.152	.174	.195	29.98	31.21
55PC2252-18-*	18	.0015	.0075	.0095	.175	.199	.223	42.47	44.10
55PC2252-16-*	16	.0015	.0080	.0100	.193	.220	.247	52.81	54.61
55PC2252-14-*	14	.0015	.0080	.0105	.249	.272	.294	78.17	80.49
55PC2252-12-*	12	.0015	.0085	.0110	.299	.326	.353	116.12	119.09
55PC2252-10-*	10	.0015	.0085	.0110	.362	.394	.426	177.60	182.05

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), 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 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 22, red, blue, yellow, green and black component wires; white jacket:
55PC2252-22-2/6/4/5/0-9

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

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