SPECIFICATION CONTROL DRAWING

55PC6193

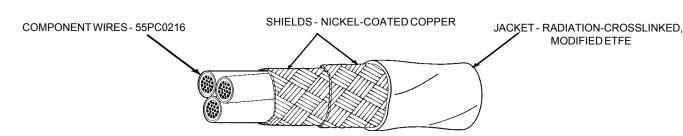
THREE CONDUCTOR CABLE, DOUBLE SHIELDED, JACKETED, 600 VOLT

04-05-01

Date

Revision

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



CONSTRUCTION DETAILS										
PART NUMBER	CONDUCTOR SIZE (AWG)	INNER SHIELD SIZE (AWG)	OUTER SHIELD SIZE (AWG)	JACKET THICKNESS (in.)		DIAMETER (in.)			WEIGHT (lbs/1000 ft.)	
				LOWER SPEC LIMIT	TARGET WALL	LOWERSPEC LIMIT	TARGET VALUE	UPPERSPEC LIMIT	TARGET VALUE	UPPERSPEC LIMIT
55PC6193-24-*	24	38	38	.0060	.0075	.131	.136	.141	18.19	18.86
55PC6193-22-*	22	38	38	.0060	.0075	.144	.149	.154	22.44	23.16
55PC6193-20-*	20	38	38	.0060	.0080	.164	.169	.174	29.16	29.98
55PC6193-18-*	18	38	38	.0060	.0080	.184	.189	.194	38.20	39.21
55PC6193-16-*	16	38	38	.0060	.0080	.200	.205	.210	45.43	46.52

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 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), 100% test

Impulse Dielectric Test, 6.0 kV (peak), 100 % test

SHIELD COVERAGE: 85% (minimum) (each)

VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL):

1000 volts (rms), 60 Hz, 1 minute

PARTNUMBER:

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 and yellow component wires; white

jacket: 55PC6193-22-2/6/4-9

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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TITLE