

SPECIFICATION CONTROL DRAWING

55PC0831

TITLE

THREE CONDUCTOR CABLE,
UNSHIELDED, UNJACKETED, 600 VOLT

Date

10-6-98

Revision

C

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

COMPONENT WIRES - 55PC0811



CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	DIAMETER (in.)			WEIGHT (lbs/1000 ft.)	
		LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC0831-24-*	24	.089	.094	.098	6.63	6.94
55PC0831-22-*	22	.102	.107	.111	9.49	9.83
55PC0831-20-*	20	.120	.125	.130	14.12	14.54
55PC0831-18-*	18	.141	.147	.152	21.11	21.75
55PC0831-16-*	16	.158	.164	.170	26.77	27.51
55PC0831-14-*	14	.192	.198	.204	41.06	42.09
55PC0831-12-*	12	.231	.238	.245	62.19	63.53
55PC0831-10-*	10	.277	.287	.296	96.49	98.72
55PC0831- 8-*	8	.404	.421	.439	173.	180.
55PC0831- 6-*	6	.501	.522	.542	273.	285.
55PC0831- 4-*	4	.646	.670	.695	444.	464.
55PC0831- 2-*	2	.793	.825	.857	689.	724.

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C

Maximum continous conductor temperature

VOLTAGE RATING: 600 volts (rms)

INSULATION FLAWS:

Impulse Dielectric Test, 8.0 kV (peak)

PART NUMBER:

The "*" in the part numbers above shall be replaced by a color code designator with a slash separating the component wire colors.

Example: AWG 22, white, black and red component wires; 55PC0831-22-9/0/2

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

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[55PC0831-20-3/6/9-F871](#) [55PC0831-14-2/4/6CS2970](#) [55PC0831-12-2/4/6CS2970](#) [55PC0831-24-2/4/6CS2502](#)
[55PC0831-22-3/6/9-F871](#) [55PC0831-20-2/4/6CS2502](#) [55PC0831-20-2/4/6CS2970](#) [55PC0831-12-2/4/6CS2502](#)
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