

SPECIFICATION CONTROL DRAWING

55PC0831

TITLE

THREE CONDUCTOR CABLE,
UNSHIELDED, UNJACKETED, 600 VOLT

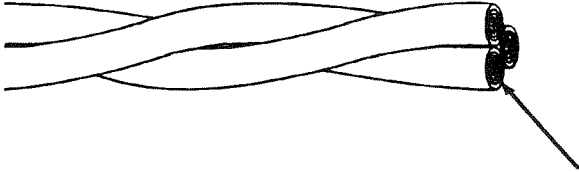
Date

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

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
 Maximum continuous 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.

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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