

SPECIFICATION CONTROL DRAWING

55PC0131

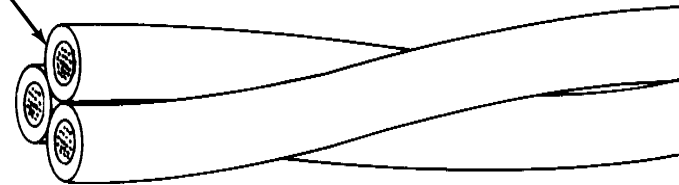
TITLE THREE CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, 600 VOLT

Date 03-06-04

Revision D

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

COMPONENT WIRES - 55PC0111



CONSTRUCTION DETAILS

PART NUMBER 1/	CONDUCTOR SIZE (AWG)	DIAMETER (in.)			WEIGHT (lbs/1000 ft.)	
		LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC0131-26-*	26	.063	.066	.069	3.74	3.95
55PC0131-24-*	24	.073	.076	.080	5.51	5.73
55PC0131-22-*	22	.086	.089	.093	8.18	8.45
55PC0131-20-*	20	.103	.107	.110	12.50	12.83
55PC0131-18-*	18	.123	.127	.131	19.07	19.63
55PC0131-16-*	16	.138	.143	.148	24.37	25.02
55PC0131-14-*	14	.172	.176	.180	37.68	38.54
55PC0131-12-*	12	.212	.217	.222	58.32	59.45
55PC0131-10-*	10	.266	.273	.280	93.28	95.34

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms) at sea level
 INSULATION FLAWS:
 Spark Test, 3.0 kV (rms) at 3 kHz
 Impulse Dielectric Test, 6.0 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. Colors shown do not necessarily reflect the sequence of manufacturing.
 1/ Example: AWG 22, black, brown and red component wires; 55PC0131-22-0/1/2

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

1/ COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. HOWEVER, DUE TO LENGTH LIMITATIONS OF THE RAYCHEM PART NUMBER, AN ALTERNATIVE COLOR CODE MAY REPLACE MIL-STD-681 COLOR CODE DESIGNATORS. (EXAMPLE: "901/902..." MAY BE REPLACED BY "Axxx".) OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER, AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.

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.



Raychem Wire & Cable
 501 Oakside Avenue
 Redwood City, CA 94063-3800
 Phone: 1-800-227-8816
 Fax: 1-650-361-6297