

SPECIFICATION CONTROL DRAWING

55PC2231

TITLE

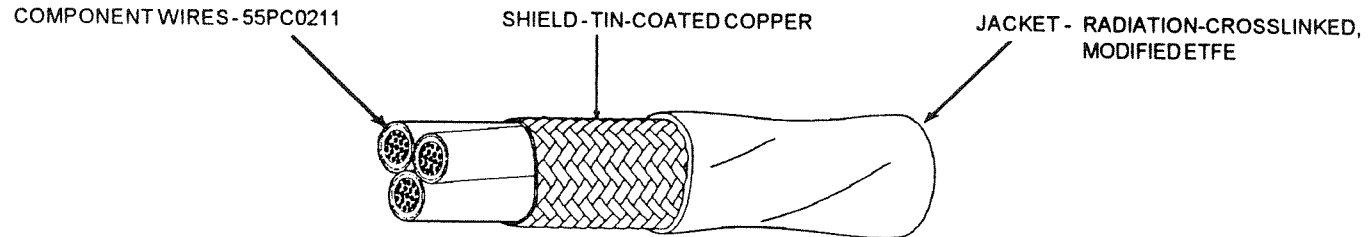
THREE CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, 600 VOLT

Date

1-9-96

Revision

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
55PC2231-26-*	26	.0015	.0060	.0080	.094	.099	.104	7.91	8.50
55PC2231-24-*	24	.0015	.0060	.0080	.103	.109	.114	9.76	10.42
55PC2231-22-*	22	.0015	.0065	.0085	.117	.123	.128	13.20	13.92
55PC2231-20-*	20	.0015	.0065	.0085	.135	.141	.146	18.44	19.25
55PC2231-18-*	18	.0015	.0065	.0085	.156	.161	.167	26.00	27.05
55PC2231-16-*	16	.0015	.0070	.0090	.173	.179	.184	32.26	33.46
55PC2231-14-*	14	.0015	.0070	.0090	.205	.211	.217	47.33	48.81
55PC2231-12-*	12	.0015	.0070	.0090	.246	.252	.259	69.85	71.67
55PC2231-10-*	10	.0015	.0075	.0095	.297	.305	.313	106.97	109.77

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°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), 60 Hz, 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 a color code designator with a slash separating the component wire colors and a dash separating the component wire colors from the jacket color.
 Example: AWG 24, red, blue and yellow component wires; white jacket: 55PC2231-24-2/6/4-9

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Multi-Conductor Cables](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[89504-002-1000](#) [89705-008-500](#) [CS2885-000](#) [M27500-20SP2S23](#) [6309UE-877-1000](#) [M3905-BK005](#) [6502FE 8771000](#) [CW9530-000](#)
[CX6543-000](#) [CXA-0066-20-4-9CS2973](#) [CXA-0078-16-1-9CS2405](#) [CXA-0078-22-4-9CS2405](#) [CXA-0078-24-4-9CS2405](#) [CXA-0140-16-6/9-](#)
[9CS2405](#) [CY0660-000](#) [720451-000](#) [752687-000](#) [768146-000](#) [773159-000](#) [83318E-009-500](#) [8348-060-500](#) [83559-002-1000](#) [83653-002-5000](#)
[8404-060-500](#) [8469 060100](#) [858171-000](#) [8628-060-500](#) [868361-001](#) [8730-060-1000](#) [8737-060-U1000](#) [8747-060-100](#) [8747-060-1000](#) [8769-](#)
[060-1000](#) [8775-060-500](#) [8780-060-1000](#) [8782-001-U1000](#) [9159-060-500](#) [9318-060-1000](#) [939870-000](#) [9423 060U500](#) [9444 060U1000](#) [9497](#)
[0001000](#) [9520-060-1000](#) [9524-060-1000](#) [9546-060-500](#) [9572-002-U500](#) [9774-060-1000](#) [A43962-000](#) [1232A1-008-1000](#) [1302110032](#)