

SPECIFICATION CONTROL DRAWING

55/7315

TITLE FOUR CONDUCTOR CABLE, SHIELDED, JACKETED, OUTER SPACE, 600 VOLT

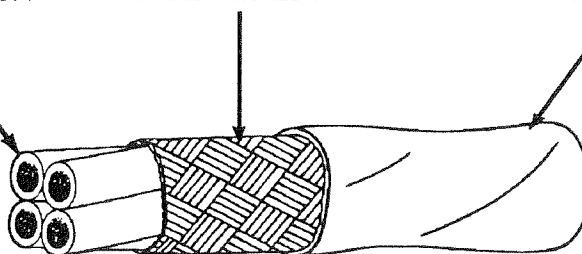
Date 5-23-96

Revision A

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

COMPONENT WIRES - 55/0314

SHIELD - NICKEL-COATED COPPER

JACKET - RADIATION-CROSSLINKED,
MODIFIED ETFE

CABLE CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (inch)		OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft)
			MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
55/7315-28-*	28	38	.0040	.0050	.081	.093	7.75
55/7315-26-*	26	38	.0040	.0050	.093	.107	10.30
55/7315-24-*	24	38	.0040	.0050	.105	.121	13.35
55/7315-22-*	22	38	.0040	.0050	.121	.141	18.15

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms) at sea level

CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour

DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz

JACKET COLOR: White preferred

JACKET ELONGATION: 75% (minimum)

JACKET FLAWS:

Spark Test, 1000 volts (rms), 60 Hz, 100% test

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

SHIELD COVERAGE: 90% (minimum)

VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL):

1500 volts (rms), 60 Hz, 1 minute

PART NUMBER:

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

Example: AWG 24, white, white with blue stripe, white with orange stripe and white with green stripe component wires; white jacket:

55/7315-24-9/96/93/95-9

NOTE: Nominal values are for information only.

Nominal values are not requirements.

COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-881.

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL.

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