

SPECIFICATION CONTROL DRAWING

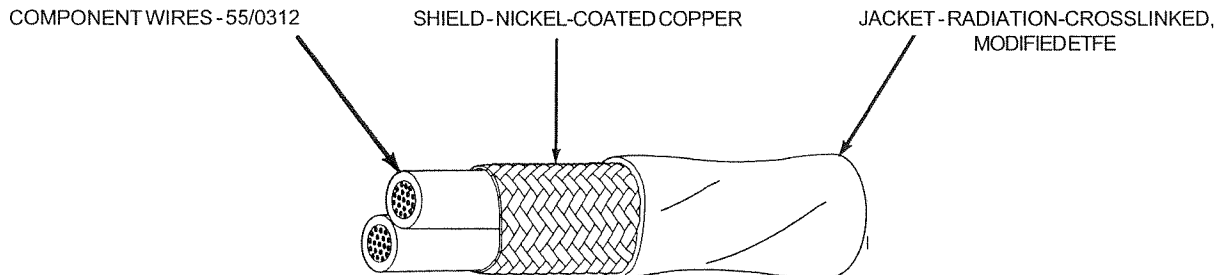
55/7500

TITLE TWO CONDUCTOR CABLE, FLAT BRAID SHIELDED, JACKETED, OUTER SPACE

Date 05-09-02

Revision

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



CABLE CONSTRUCTION DETAILS							
PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD STRAND THICKNESS (± .0004 in.)	JACKET THICKNESS (inches)		OUTSIDE DIAMETER (inches)		MAXIMUM WEIGHT (lbs/1000 ft.)
			MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
55/7500-26-*	26	.0015	.0040	.0050	.072	.076	4.92
55/7500-24-*	24	.0015	.0040	.0050	.079	.083	5.98
55/7500-22-*	22	.0015	.0040	.0050	.096	.100	8.84
55/7500-20-*	20	.0015	.0045	.0055	.118	.122	12.99
55/7500-18-*	18	.0015	.0045	.0055	.137	.141	18.24
55/7500-16-*	16	.0015	.0045	.0055	.152	.156	22.45
55/7500-14-*	14	.0015	.0050	.0060	.182	.187	32.82
55/7500-12-*	12	.0015	.0055	.0065	.221	.226	48.55

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), 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 slash separating the component wire colors and a dash separating the component wire colors from the jacket color.
 Example: AWG 26, black and white component wires:
 white jacket: 55/7500-26-0/9-9

NOTE: Nominal values are for information only.
 Nominal values are not requirements.

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

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

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