

SPECIFICATION CONTROL DRAWING

55/7500

TITLE

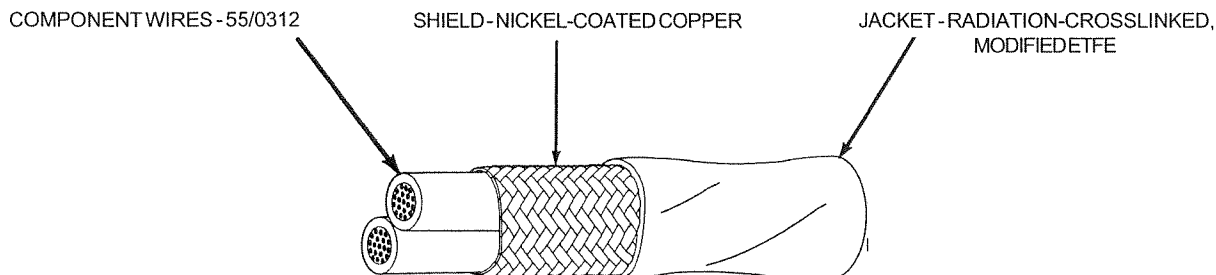
TWO CONDUCTOR CABLE, FLAT BRAID SHIELDED,
JACKETED, OUTER SPACE

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.

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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