

SPECIFICATION CONTROL DRAWING

55A6087

TITLE

ONE CONDUCTOR CABLE, DOUBLE SHIELDED, DOUBLE JACKETED

Date

6-28-96

Revision

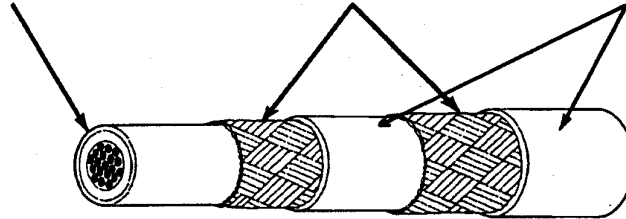
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This specification sheet forms a part of the latest issue of Raychem Specification 55A.

COMPONENT WIRE - 55A0711

SHIELDS - TIN-COATED COPPER

JACKETS - RADIATION-CROSSLINKED,
MODIFIED ETFE
COLOR - WHITE



CABLE CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	INNER SHIELD SIZE (AWG)	INNER JACKET THICKNESS (inches)		OUTER SHIELD SIZE (AWG)	OUTER JACKET THICKNESS (inches)		OUTSIDE DIAMETER (inches)		NOMINAL WEIGHT (lb/1000 ft)
			MINIMUM	NOMINAL		MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
			55A6087-20-*	20		38	.006	.008	38	
55A6087-18-*	18	38	.006	.008	38	.006	.008	.146	.153	23.1

ADDITIONAL REQUIREMENTS

CABLE JACKET: Tensile Strength, 5000 lbf/in² (minimum) (each)

Elongation, 50% (minimum) (each)

JACKET FLAWS: Impulse Dielectric Test, 6.0 kV (peak)

SHIELD COVERAGE: 85% (minimum) (each)

VOLTAGE WITHSTAND: 1500 volts (rms) conductor to shield for 1 minute

500 volts (rms) shield to shield for 1 minute

CABLE IDENTIFICATION: Outer jacket shall be marked in green ink at 6 in.

(nominal) intervals between marks as follows: "55A6087-AWG-06090"

CAPACITANCE: Center conductor to first shield, 70 pF/ft. (maximum) at 1 MHz

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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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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