

SPECIFICATION CONTROL DRAWING

55A7468

TITLE

THREE CONDUCTOR CABLE, JACKETED, NORMAL WEIGHT

Date

08-31-00

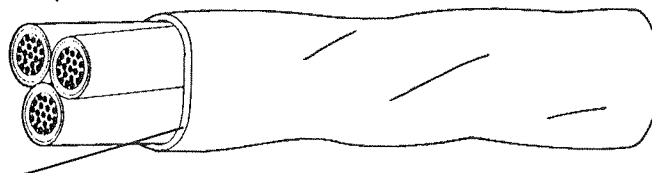
Revision

B

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

COMPONENT WIRES - 55A0811

JACKET - RADIATION-CROSSLINKED,
MODIFIED ETFE



FILAMENT STRIPPING THREAD

CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	JACKET THICKNESS (inch)		OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lb/1000 ft)
		MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
55A7468-26-*	26	.006	.008	.102	.108	7.3
55A7468-24-*	24	.006	.008	.113	.119	9.4
55A7468-22-*	22	.006	.008	.124	.130	12.4
55A7468-20-*	20	.006	.008	.141	.148	17.4
55A7468-18-*	18	.006	.008	.167	.176	25.6
55A7468-16-*	16	.006	.008	.182	.191	31.5
55A7468-14-*	14	.007	.009	.221	.232	47.6
55A7468-12-*	12	.007	.009	.258	.271	69.0
55A7468-10-*	10	.007	.009	.307	.323	107.

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms)

ACCELERATED AGING: 300 ± 3°C for 7 hours

BLOCKING: 200 ± 3°C for 6 hours

DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz

FLAMMABILITY:

Procedure 1, 3 seconds (maximum); 3 inch (maximum);
no flaming of facial tissue

JACKET COLOR: White preferred

JACKET ELONGATION AND TENSILE STRENGTH:

Elongation, 50% (minimum)

Tensile Strength, 5000 lbf/in² (minimum)

LIFE CYCLE: 200 ± 3°C for 168 hours

LOW TEMPERATURE-COLD BEND: -65 ± 2°C for 4 hours

PART NUMBER

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

Example: AWG 26, black, white, and red
component wires; white jacket:
55A7468-26-0/9/2-9

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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