

# SPECIFICATION CONTROL DRAWING

55A7468

TITLE

THREE CONDUCTOR CABLE, JACKETED, NORMAL WEIGHT

Date

08-31-00

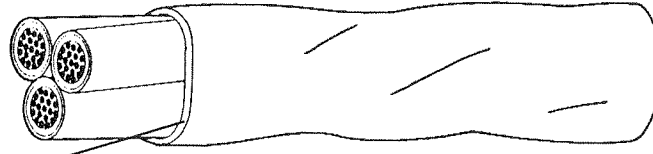
Revision

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/in<sup>2</sup> (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.

**Raychem**

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)