

# SPECIFICATION CONTROL DRAWING

55A6544

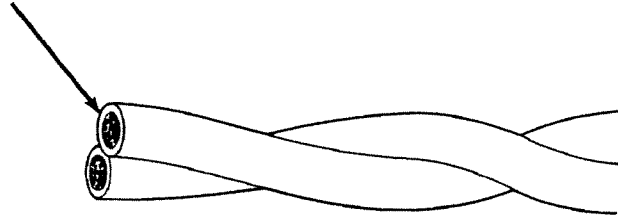
TITLE TWO CONDUCTOR CABLE, SILVER-COATED COPPER CONDUCTOR, UNSHIELDED, UNJACKETED, 600 VOLT

Date 3-251-99

Revision B

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

COMPONENT WIRES - 55A6543



### CABLE CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft)
		NOMINAL	MAXIMUM	
55A6544-26-*	26	.064	.068	2.9
55A6544-24-*	24	.074	.078	4.1
55A6544-22-*	22	.086	.090	6.1
55A6544-20-*	20	.102	.108	9.2
55A6544-18-*	18	.122	.128	14.1
55A6544-16-*	16	.138	.144	18.0
55A6544-14-*	14	.172	.180	27.5
55A6544-12-*	12	.208	.216	41.4

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

**TEMPERATURE RATING: 200°C**

Maximum continuous conductor temperature

**VOLTAGE RATING: 600 volts (rms)**

**DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz**

**INSULATION ELONGATION: 120% (minimum)**  
on wires removed from the finished cable

**PART NUMBER:**

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

Example: AWG 20, white and black component wires: 55A6544-20-9/0

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

COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-881.

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

**Raychem**

Raychem Corporation  
300 Constitution Drive, Menlo Park, California 94025  
1-800-2 Raychem Fax 1-650-361-6297