

# SPECIFICATION CONTROL DRAWING

55A7432

TITLE TWO CONDUCTOR CABLE, SHIELDED

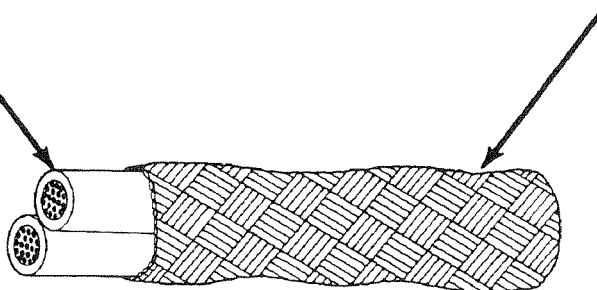
Date 3-25-99

Revision A

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

COMPONENT WIRES - 55A6543

SHIELD - SILVER-COATED COPPER



## CABLE CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lb/1000 ft)
			NOMINAL	MAXIMUM	
55A7432-26-*	26	38	.081	.086	5.9
55A7432-24-*	24	38	.091	.096	7.6
55A7432-22-*	22	38	.103	.108	10.1
55A7432-20-*	20	38	.119	.125	13.6
55A7432-18-*	18	38	.139	.146	19.4
55A7432-16-*	16	38	.155	.163	23.7
55A7432-14-*	14	38	.189	.198	34.5
55A7432-12-*	12	38	.225	.236	49.9

## 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

SHIELD COVERAGE: 85% (minimum)

PART NUMBER:

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

Example: AWG 20, white and black component wires: 55A7432-20-9/0

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

COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681.

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 1-6505-361-6297