

# SPECIFICATION CONTROL DRAWING

55A7433

TITLE

ONE CONDUCTOR CABLE, SHIELDED

Date

3-25-99

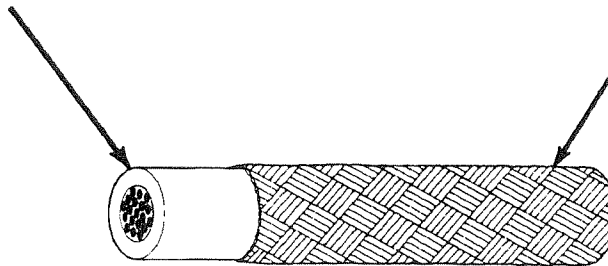
Revision

A

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

COMPONENT WIRE - 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	
55A7433-26-*	26	38	.049	.054	3.4
55A7433-24-*	24	38	.054	.059	4.3
55A7433-22-*	22	38	.060	.065	5.6
55A7433-20-*	20	38	.068	.073	7.4
55A7433-18-*	18	38	.078	.083	10.3
55A7433-16-*	16	38	.086	.091	12.5
55A7433-14-*	14	38	.103	.108	18.0
55A7433-12-*	12	38	.121	.127	25.7

## 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 wire removed from the finished cable

SHIELD COVERAGE: 85% (minimum)

PART NUMBER:

The "\*" in the part numbers above shall be replaced by color code designators.

Example: AWG 20, white component wire:  
55A7433-20-9

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**

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