

SPECIFICATION CONTROL DRAWING

55A7433

TITLE

ONE CONDUCTOR CABLE, SHIELDED

Date

3-25-99

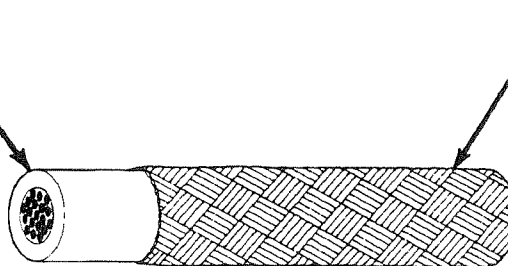
Revision

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.

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[55A7433-22-9CS2868](#) [55A7433-24-9CS2868](#)