

SPECIFICATION CONTROL DRAWING

TITLE

ONE CONDUCTOR CABLE, SHIELDED

Date

3-25-99

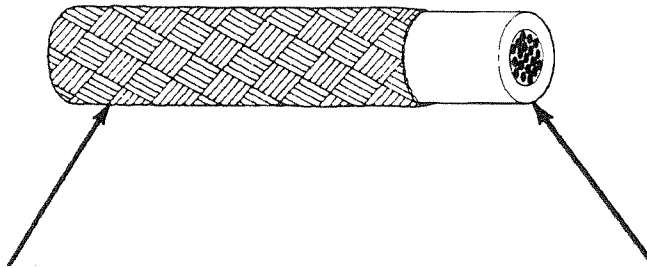
Revision

A

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

SHIELD - SILVER-COATED COPPER

COMPONENT WIRE - 55A6543



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)

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

PART NUMBER:
 The "*" in the part numbers above shall be replaced
 by color code designators.
 Example: AWG 20, white component wire:
 55A7433-20-9

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

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

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

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