

SPECIFICATION CONTROL DRAWING

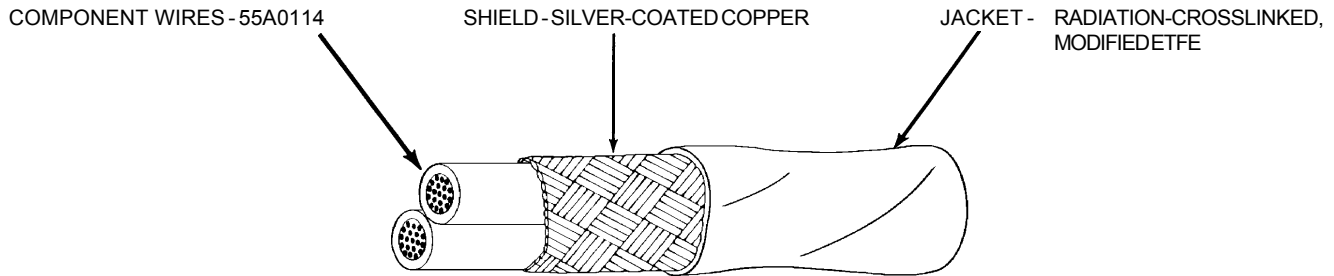
55AC6262

TITLE TWO CONDUCTOR CABLE, SHIELDED, JACKETED,
LIGHTWEIGHT, 600 VOLT

Date 01-11-03

Revision A

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



| CABLE CONSTRUCTION DETAILS | | | | | | | |
|----------------------------|----------------------|-------------------|-------------------------|---------|-------------------------|---------|------------------------------|
| PART NUMBER | CONDUCTOR SIZE (AWG) | SHIELD SIZE (AWG) | JACKET THICKNESS (inch) | | OUTSIDE DIAMETER (inch) | | MAXIMUM WEIGHT (lb/1000 ft.) |
| | | | MINIMUM | MAXIMUM | NOMINAL | MAXIMUM | |
| 55AC6262-30-* | 30 | 38 | .005 | .010 | .081 | .086 | 5.7 |
| 55AC6262-28-* | 28 | 38 | .005 | .010 | .087 | .092 | 6.6 |
| 55AC6262-26-* | 26 | 38 | .005 | .010 | .097 | .102 | 8.3 |
| 55AC6262-24-* | 24 | 38 | .005 | .010 | .107 | .112 | 10.2 |
| 55AC6262-22-* | 22 | 38 | .005 | .010 | .119 | .125 | 12.9 |
| 55AC6262-20-* | 20 | 38 | .005 | .010 | .133 | .142 | 16.9 |

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms)
 BLOCKING: 200 ± 3°C for 6 hours
 CROSSLINKED VERIFICATION: 300 ± 5°C for 6 hours
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
 FLAMMABILITY:
 Procedure 1, 3 seconds (maximum); 3 in. (maximum);
 no flaming of facial tissue
 JACKET COLOR: White preferred
 JACKET ELONGATION AND TENSILE STRENGTH:
 Elongation, 50% (minimum)
 Tensile Strength, 5000 lbf/in² (minimum)
 JACKET FLAWS:
 Spark Test, 1500 volts (rms), 100% test
 Impulse Dielectric Test, 6.0 kV (peak), 100% test

LOW TEMPERATURE-COLD BEND: -55 ± 5°C for 4 hours
 SHIELD COVERAGE: 90% (minimum)
 VOLTAGE WITHSTAND TEST: (POST ENVIRONMENTAL)
 1000 volts (rms), 60 Hz, 1 minute

PART NUMBER:
 The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors and a dash separating the component wire colors from the jacket color.
 Example: AWG 20, white and blue component wires;
 white jacket: 55AC6262-20-9/6-9

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

This cable shall meet all constructional requirements of M27500 (AWGSC2S23)

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

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

tyco

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