

SPECIFICATION SHEET

55A6050

CABLE, ELECTRIC, RADIATION-CROSSLINKED, EXTRUDED, MODIFIED, FLUOROPOLYMER-INSULATED,
ONE CONDUCTOR, SHIELDED, JACKETED, NORMAL WEIGHT

29 July 1986

Revision A

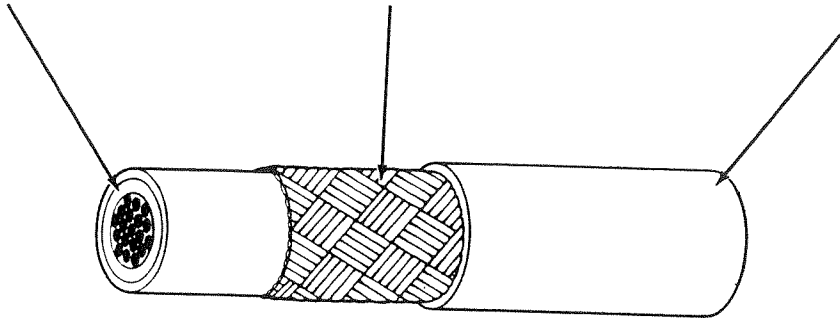
200°C

The complete requirements for procuring the cable described herein shall consist of this document and the issue in effect of Raychem Specification 55A.

COMPONENT WIRE - 55A0814

SHIELD - SILVER-COATED COPPER

JACKET - RADIATION-CROSSLINKED,
MODIFIED ETFE



| PART NUMBER | CONDUCTOR SIZE (AWG) | SHIELD SIZE (AWG) | JACKET THICKNESS (inches) | | OUTSIDE DIAMETER (inches) | | MAXIMUM WEIGHT (lb/1000 ft) |
|--------------|----------------------|-------------------|---------------------------|-----------------------|---------------------------|---------|-----------------------------|
| | | | MINIMUM | NOMINAL ^{1/} | NOMINAL ^{1/} | MAXIMUM | |
| | | | 55A6050-30-* | 30 | 38 | .006 | |
| 55A6050-28-* | 28 | 38 | .006 | .008 | .068 | .073 | 4.5 |
| 55A6050-26-* | 26 | 38 | .006 | .008 | .073 | .078 | 5.3 |
| 55A6050-24-* | 24 | 38 | .006 | .008 | .078 | .083 | 6.3 |
| 55A6050-22-* | 22 | 38 | .006 | .008 | .084 | .089 | 7.9 |
| 55A6050-20-* | 20 | 38 | .006 | .008 | .092 | .097 | 10.0 |

^{1/} Nominal values are for information only. Nominal values are not requirements.

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms)
 ACCELERATED AGING: 300 ± 3°C for 7 hours
 BLOCKING: 200 ± 3°C for 6 hours
 DIELECTRIC WITHSTAND: 1500 volts, 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, 1000 volts, 60 Hz (rms), 100% test
 Impulse Dielectric Test, 6.0 kV (peak), 100% test

LIFE CYCLE: 230 ± 3°C for 500 hours
 LOW TEMPERATURE-COLD BEND: -65 ± 2°C for 4 hours
 SHIELD COVERAGE: 85% (minimum)
 THERMAL SHOCK: 300 ± 3°C for 6 hours
 VOLTAGE WITHSTAND TEST: (After Accelerated Aging,
 Immersion, Life Cycle, Low Temperature-Cold Bend
 and Thermal Shock) 1000 volts, 60 Hz, 1 minute

PART NUMBER:
 The "*" in the part numbers above shall be replaced by color code designators in accordance with MIL-STD-681 with a dash separating the component wire color from the jacket color.
 Example:
 AWG 20, white component wire,
 white jacket: 55A6050-20-9-9.

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)