

SPECIFICATION CONTROL DRAWING

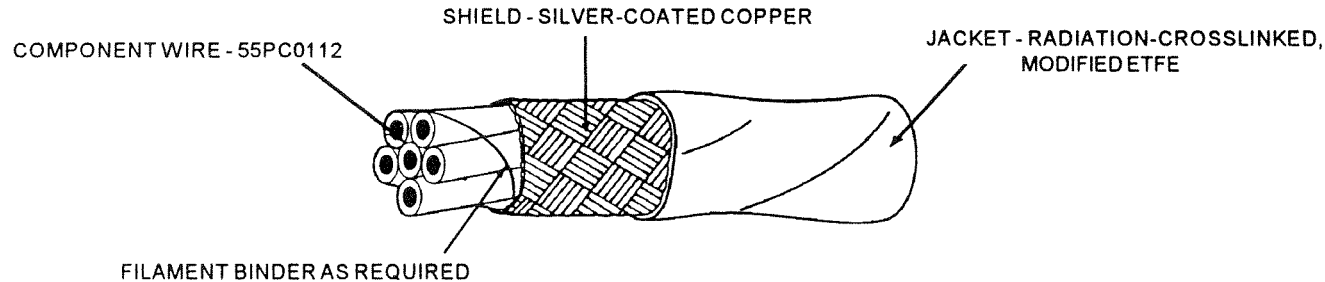
55PC1162

TITLE SIX CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT

Date 5-6-94

Revision

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



CONSTRUCTION DETAILS

| PART NUMBER | CONDUCTOR SIZE (AWG) | SHIELD SIZE (AWG) | JACKET THICKNESS (in.) | | DIAMETER (in.) | | | WEIGHT (lbs/1000 ft.) | |
|---------------|----------------------|-------------------|------------------------|-------------|------------------|--------------|------------------|-----------------------|------------------|
| | | | LOWER SPEC LIMIT | TARGET WALL | LOWER SPEC LIMIT | TARGET VALUE | UPPER SPEC LIMIT | TARGET VALUE | UPPER SPEC LIMIT |
| 55PC1162-24-* | 24 | 38 | .0060 | .0080 | .136 | .141 | .146 | 19.38 | 20.10 |
| 55PC1162-22-* | 22 | 38 | .0060 | .0080 | .154 | .159 | .164 | 26.00 | 26.80 |
| 55PC1162-20-* | 20 | 38 | .0065 | .0085 | .179 | .184 | .189 | 36.52 | 37.52 |
| 55PC1162-18-* | 18 | 38 | .0065 | .0085 | .208 | .213 | .218 | 51.73 | 53.05 |
| 55PC1162-16-* | 16 | 38 | .0070 | .0090 | .231 | .236 | .241 | 64.21 | 65.79 |
| 55PC1162-14-* | 14 | 38 | .0075 | .0095 | .276 | .281 | .286 | 94.37 | 96.44 |
| 55PC1162-12-* | 12 | 36 | .0080 | .0100 | .339 | .344 | .349 | 144.47 | 147.31 |

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms)
 CROSSLINKING PROOF TEST: 300 ± 3°C for 1 hour
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
 JACKET COLOR: White preferred
 JACKET ELONGATION AND TENSILE STRENGTH:
 Elongation, 50% (minimum)
 Tensile Strength, 5000 lbf/in² (minimum)
 JACKET FLAWS:
 Spark Test, 1000 volts (rms), 60 Hz, 100% test
 Impulse Dielectric Test, 6.0 kV (peak), 100 % test

SHIELD COVERAGE: 85% (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 a color code designator with a dash separating the component wire color from the jacket color.
 Example: AWG 22, red, blue, yellow, green, black, purple component wires; white jacket:
 55PC1162-22-2/6/4/5/0/7-9

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

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HERIN. REFERENCED DOCUMENTS SH

Raychem

Raychem Corporation
 300 Constitution Drive, Menlo Park, CA 94025
 1-800-2 RAYCHEM FAX: 415-381-

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)