

SPECIFICATION CONTROL DRAWING

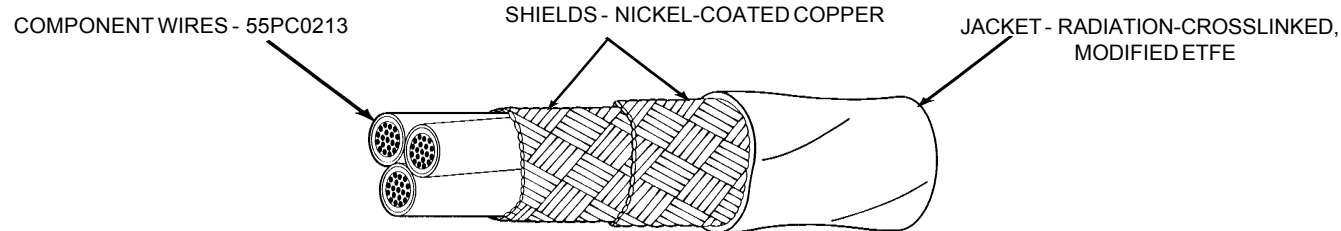
55PC6173

TITLE THREE CONDUCTOR CABLE, DOUBLE SHIELDED, JACKETED, 600 VOLT

Date 01-24-01

Revision A

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



| CONSTRUCTION DETAILS | | | | | | | | | | |
|----------------------|----------------------|-------------------------|-------------------------|------------------------|-------------|-----------------|--------------|-----------------|-----------------------|-----------------|
| PART NUMBER | CONDUCTOR SIZE (AWG) | INNER SHIELD SIZE (AWG) | OUTER SHIELD SIZE (AWG) | JACKET THICKNESS (in.) | | DIAMETER (in.) | | | WEIGHT (lbs/1000 ft.) | |
| | | | | LOWERSPEC LIMIT | TARGET WALL | LOWERSPEC LIMIT | TARGET VALUE | UPPERSPEC LIMIT | TARGET VALUE | UPPERSPEC LIMIT |
| 55PC6173-24-* | 24 | 38 | 38 | .0060 | .0075 | .131 | .136 | .141 | 18.19 | 18.86 |
| 55PC6173-22-* | 22 | 38 | 38 | .0060 | .0075 | .144 | .149 | .154 | 22.44 | 23.16 |
| 55PC6173-20-* | 20 | 38 | 38 | .0060 | .0080 | .164 | .169 | .174 | 29.16 | 29.98 |
| 55PC6173-18-* | 18 | 38 | 38 | .0060 | .0080 | .184 | .189 | .194 | 38.20 | 39.21 |
| 55PC6173-16-* | 16 | 38 | 38 | .0060 | .0080 | .200 | .205 | .210 | 45.43 | 46.52 |
| 55PC6173-14-* | 14 | 38 | 38 | .0060 | .0080 | .232 | .238 | .244 | 62.82 | 64.19 |
| 55PC6173-12-* | 12 | 38 | 38 | .0065 | .0085 | .274 | .280 | .286 | 88.60 | 90.39 |
| 55PC6173-10-* | 10 | 36 | 36 | .0070 | .0090 | .334 | .342 | .350 | 137.46 | 140.22 |
| 55PC6173-8-* | 8 | 36 | 34 | .0070 | .0090 | .477 | .488 | .499 | 239.60 | 248.06 |

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
 CROSSLINKING PROOF TEST: 300 ± 3°C for 1 hour
 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), 100% test
 Impulse Dielectric Test, 6.0 kV (peak), 100 % test
 SHIELD COVERAGE: 85% (minimum) (each)

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 22, red, blue and yellow component wires; white jacket: 55PC6173-22-2/6/4-9

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

Raychem

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单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)