

SPECIFICATION CONTROL DRAWING

SCD

55PC4122

Title

TWO CONDUCTOR CABLE, JACKETED, GENERAL PURPOSE, 600 VOLT

Date

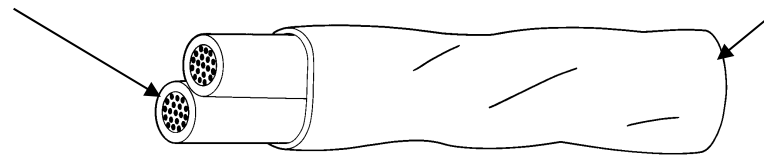
5-21-18

Revision

C

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

COMPONENT WIRES - 55PC0112



JACKET - RADIATION-CROSSLINKED,
MODIFIED ETFE

CABLE CONSTRUCTION DETAILS

| PART NUMBER ^{1/} | CONDUCTOR SIZE (AWG) | JACKET THICKNESS (inch) | | OUTSIDE DIAMETER (inch) | | | WEIGHT (lbs/1000 ft.) | |
|------------------------------|----------------------------|----------------------------|----------------|----------------------------|-----------------|---------------------|--------------------------|---------------------|
| | | LOWER SPEC LIMIT | TARGET WALL | LOWER SPEC LIMIT | TARGET VALUE | UPPER SPEC LIMIT | TARGET VALUE | UPPER SPEC LIMIT |
| 55PC4122-26-* | 26 | .0050 | .0065 | .070 | .074 | .078 | 3.61 | 3.94 |
| 55PC4122-24-* | 24 | .0050 | .0065 | .080 | .084 | .088 | 4.91 | 5.28 |
| 55PC4122-22-* | 22 | .0050 | .0065 | .092 | .096 | .100 | 6.83 | 7.23 |
| 55PC4122-20-* | 20 | .0050 | .0065 | .108 | .112 | .116 | 9.91 | 10.40 |
| 55PC4122-18-* | 18 | .0055 | .0070 | .127 | .132 | .137 | 14.66 | 15.34 |
| 55PC4122-16-* | 16 | .0055 | .0070 | .142 | .147 | .152 | 18.38 | 19.11 |
| 55PC4122-14-* | 14 | .0060 | .0075 | .172 | .177 | .182 | 27.81 | 28.76 |
| 55PC4122-12-* | 12 | .0060 | .0075 | .209 | .215 | .222 | 42.11 | 43.41 |
| 55PC4122-10-* | 10 | .0065 | .0085 | .260 | .269 | .277 | 66.68 | 68.77 |
| 55PC4122-8-* | 8 | .0070 | .0090 | .374 | .394 | .414 | 125.83 | 131.94 |

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms) at sea level

CROSSLINKED VERIFICATION: 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)

^{1/} 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, red and blue component wires; white jacket:

55PC4122-20-2/6-9

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.

TE Connectivity also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

^{1/} COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. HOWEVER, DUE TO LENGTH LIMITATIONS OF THE RAYCHEM PART NUMBER, AN ALTERNATIVE COLOR CODE MAY REPLACE MIL-STD-681 COLOR CODE DESIGNATORS. (EXAMPLE: "901/902..." MAY BE REPLACED BY "Axxx".) OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER, AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.

