

# SPECIFICATION CONTROL DRAWING

**55PC4226**

TITLE  
TWO CONDUCTOR CABLE, JACKETED, 600 VOLT

Date  
8-9-99

Revision

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

COMPONENT WIRES - 55PC0216

JACKET - RADIATION-CROSSLINKED,  
MODIFIED ETFE



### CONSTRUCTION DETAILS

| PART NUMBER   | CONDUCTOR 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 |
|               |                      |                        |             |                  |              |                  |                       |                  |
| 55PC4226-26-* | 26                   | .0050                  | .0065       | .077             | .082         | .087             | 4.01                  | 4.37             |
| 55PC4226-24-* | 24                   | .0050                  | .0065       | .088             | .092         | .096             | 5.35                  | 5.76             |
| 55PC4226-22-* | 22                   | .0050                  | .0065       | .100             | .104         | .108             | 7.36                  | 7.81             |
| 55PC4226-20-* | 20                   | .0055                  | .0070       | .117             | .122         | .127             | 10.69                 | 11.23            |
| 55PC4226-18-* | 18                   | .0055                  | .0070       | .136             | .141         | .146             | 15.42                 | 16.15            |
| 55PC4226-16-* | 16                   | .0055                  | .0070       | .151             | .156         | .161             | 19.22                 | 19.98            |

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C  
 Maximum continuous conductor temperature  
 VOLTAGE RATING: 600 volts (rms)  
 CROSSLINK 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/in<sup>2</sup> (minimum)

PART NUMBER:  
 The "\*" in the part numbers above shall be replaced by a color code designator 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: 55PC4226-20-2/6-9

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