

# SPECIFICATION CONTROL DRAWING

**55PC0161**

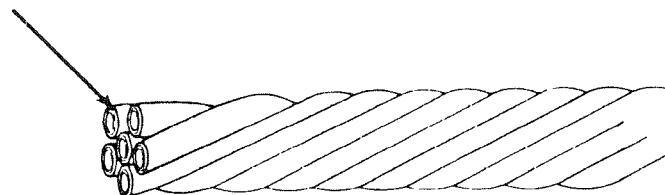
TITLE  
SIX CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, 600 VOLT

Date  
12-6-96

Revision  
A

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

COMPONENT WIRES - 55PC0111



### CONSTRUCTION DETAILS

| PART NUMBER   | CONDUCTOR SIZE (AWG) | DIAMETER ( in. ) |              |                  | WEIGHT ( lbs/1000 ft. ) |                  |
|---------------|----------------------|------------------|--------------|------------------|-------------------------|------------------|
|               |                      | LOWER SPEC LIMIT | TARGET VALUE | UPPER SPEC LIMIT | TARGET VALUE            | UPPER SPEC LIMIT |
| 55PC0161-26-* | 26                   | .089             | .092         | .095             | 7.51                    | 7.81             |
| 55PC0161-24-* | 24                   | .104             | .107         | .110             | 11.05                   | 11.40            |
| 55PC0161-22-* | 22                   | .122             | .125         | .128             | 16.42                   | 16.85            |
| 55PC0161-20-* | 20                   | .146             | .149         | .152             | 25.09                   | 25.63            |
| 55PC0161-18-* | 18                   | .175             | .178         | .181             | 38.27                   | 39.17            |
| 55PC0161-16-* | 16                   | .197             | .201         | .205             | 48.90                   | 49.95            |
| 55PC0161-14-* | 14                   | .240             | .244         | .248             | 75.64                   | 77.10            |
| 55PC0161-12-* | 12                   | .297             | .302         | .307             | 117.04                  | 119.16           |
| 55PC0161-10-* | 10                   | .373             | .380         | .387             | 187.31                  | 191.00           |

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C  
Maximum continuous conductor temperature  
VOLTAGE RATING: 600 volts (rms)  
INSULATION FLAWS:  
Impulse Dielectric Test, 6.0 kV (peak)

PART NUMBER:  
The "\*" in the part numbers above shall be replaced by a color code designator with a slash separating the component wire colors.  
Example: AWG 22, white, black red, orange, yellow, and green component wires; 55PC0161-22-9/0/2/3/4/5

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

**Raychem**

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