

# SPECIFICATION CONTROL DRAWING

**55/4322**

|   |                 |               |
|---|-----------------|---------------|
| TITLE<br>TWO CONDUCTOR CABLE, JACKETED, OUTER SPACE, 600 VOLT                           | Date<br>3-21-12 | Revision<br>C |
| This specification sheet forms a part of the latest issue of Raychem Specification 55/. |                 |               |

COMPONENT WIRES - 55/0312

JACKET - LOW OUTGASSING,  
RADIATION-CROSSLINKED,  
MODIFIED ETFE



| CABLE CONSTRUCTION DETAILS   |                            |                           |         |                           |         |                                     |
|------------------------------|----------------------------|---------------------------|---------|---------------------------|---------|-------------------------------------|
| PART NUMBER<br><sup>1/</sup> | CONDUCTOR<br>SIZE<br>(AWG) | JACKET THICKNESS<br>(in.) |         | OUTSIDE DIAMETER<br>(in.) |         | MAXIMUM<br>WEIGHT<br>(lbs/1000 ft.) |
|                              |                            | MINIMUM                   | NOMINAL | NOMINAL                   | MAXIMUM |                                     |
| 55/4322-26-*                 | 26                         | .0040                     | .0050   | .064                      | .067    | 3.15                                |
| 55/4322-24-*                 | 24                         | .0040                     | .0050   | .074                      | .078    | 4.42                                |
| 55/4322-22-*                 | 22                         | .0040                     | .0050   | .088                      | .092    | 6.39                                |
| 55/4322-20-*                 | 20                         | .0040                     | .0050   | .109                      | .113    | 9.79                                |
| 55/4322-18-*                 | 18                         | .0045                     | .0055   | .129                      | .133    | 14.65                               |
| 55/4322-16-*                 | 16                         | .0045                     | .0055   | .144                      | .148    | 18.42                               |
| 55/4322-14-*                 | 14                         | .0050                     | .0060   | .174                      | .179    | 27.94                               |
| 55/4322-12-*                 | 12                         | .0050                     | .0060   | .212                      | .218    | 42.40                               |
| 55/4322-10-*                 | 10                         | .0060                     | .0070   | .266                      | .275    | 67.55                               |

### 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: 50% (minimum)

RADIATION RESISTANCE: 500 megarads

VACUUM STABILITY:

Total Mass Loss (TML), 1.00% (maximum)

Volatile Condensable Material (VCM), 0.10% (maximum)

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.

<sup>1/</sup> Example: AWG 22, black and brown component wires;  
white jacket: 55/4322-22-0/1-9

NOTE: Nominal values are for information only.  
Nominal values are not requirements.

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| Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.<br>Tyco Electronics Corporation also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.   |  |  |
| <sup>1/</sup> 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. |  |  |
| Page 1 of 1   | Raychem, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.<br><br>DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL.<br><br>THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.<br>REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID. | <p style="font-size: x-small;">Raychem Wire &amp; Cable<br/>501 Oakside Avenue<br/>Redwood City, CA 94063-3800<br/>Phone: 1-800-227-8816<br/>Fax: 1-650-361-6297</p> |

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)