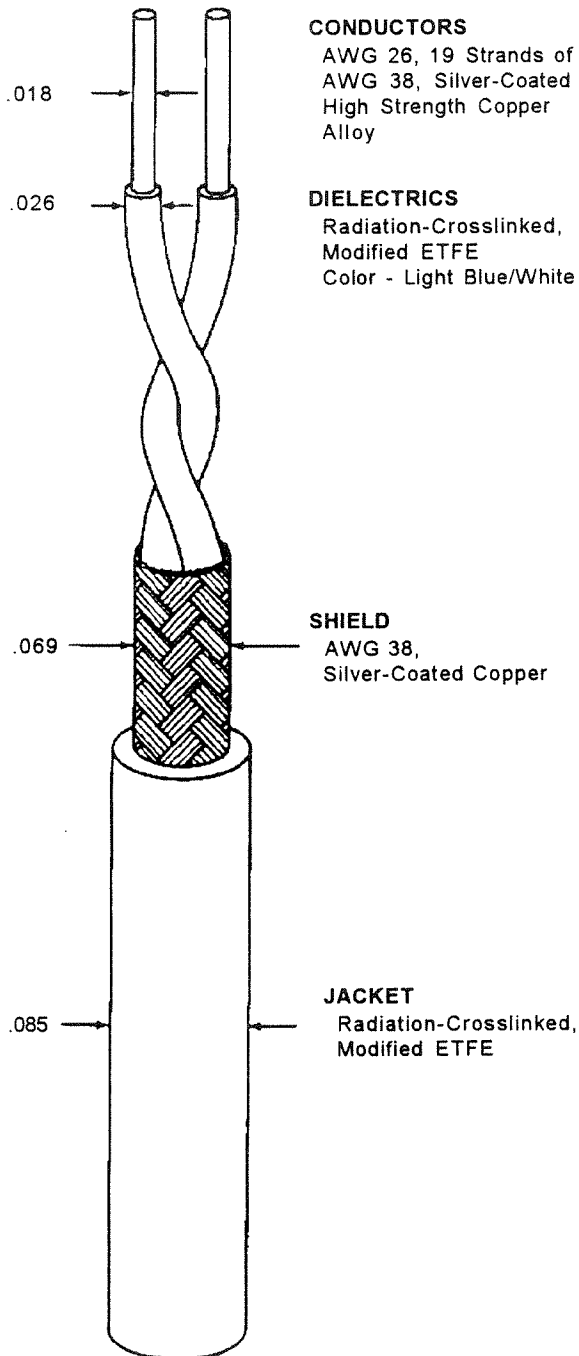


THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

**CONSTRUCTION DETAILS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



**CONDUCTORS**  
AWG 26, 19 Strands of  
AWG 38, Silver-Coated  
High Strength Copper  
Alloy

**DIELECTRICS**  
Radiation-Crosslinked,  
Modified ETFE  
Color - Light Blue/White

**SHIELD**  
AWG 38,  
Silver-Coated Copper

**JACKET**  
Radiation-Crosslinked,  
Modified ETFE

**ELECTRICAL CHARACTERISTICS**

|                          |   |
|--------------------------|---|
| CHARACTERISTIC IMPEDANCE | 50 ± 7 ohms, Balanced Impedance, Method C at 1 MHz                      |
| CAPACITANCE - MUTUAL     | 41.5 pF/ft. (maximum)   |
| ATTENUATION              | 2.5 dB/100 ft. (nominal) at 1 MHz<br>8.3 dB/100 ft. (nominal) at 10 MHz |

**ADDITIONAL REQUIREMENTS**

**COMPONENT WIRE PRIOR TO CABLING (Test Procedure Per MIL-W-22759)**

|   |   |
|---|---|
| ACCELERATED AGING<br>(Per MIL-W-22759 Life Cycle Procedure) | 300 ± 3°C for 1 hour, .500 inch mandrel, .125 lb. 2.5 kV dielectric test  |
| LOW TEMPERATURE-COLD BEND                                   | -65 ± 2°C for 4 hours, .500 inch mandrel, .500 lb. 2.5 kV dielectric test |
| SHRINKAGE   | 200 ± 3°C for 1 hour, .125 inch (maximum) in 12.0 inches                  |
| INSULATION RESISTANCE                                       | 5000 megohms for 1000 ft. (minimum)                                       |
| INSULATION (DIELECTRIC) TENSILE STRENGTH                    | 5000 lbf/in <sup>2</sup> (minimum)  |
| ELONGATION  | 50% (minimum)   |
| IMPULSE DIELECTRIC TEST                                     | 8.0 kV (peak), 100% test  |

**FINISHED CABLE (Test Procedure Per MIL-DTL-27500)**

|   |  |
|---|--|
| BLOCKING  | 200°C for 6 hours  |
| LOW TEMPERATURE-COLD BEND                           | -55 ± 5°C for 4 hours, 3.00 inch mandrel                               |
| CROSSLINKED VERIFICATION                            | 300 ± 5°C for 6 hours, 3.00 inch mandrel                               |
| FLAMMABILITY<br>(Per Raychem Spec 55A, Procedure 1) | 3 seconds (maximum); 3.0 inches (maximum); no flaming of facial tissue |
| JACKET FLAWS  |  |
| SPARK TEST  | 1000 volts, 60 Hz, 100% test   |
| IMPULSE TEST  | 6.0 kV (peak)  |
| JACKET TENSILE STRENGTH                             | 5000 lbf/in <sup>2</sup> (minimum)                                     |
| ELONGATION  | 50% (minimum)  |
| SHIELD COVERAGE                                     | 90% (minimum)  |
| JACKET THICKNESS                                    | .008 inch thick (nominal)  |
| VOLTAGE WITHSTAND (DIELECTRIC)                      | 1000 volts (rms) (minimum)   |

The length of lay shall be .75 inches (nominal)

WEIGHT 6.7 lbs/1000 ft. (nominal)

Outer jacket color will be white (designated by a "-9" appended to the part number, e.g., 5026A1664-9) unless otherwise specified.

Designate outer jacket color with a dash number in accordance with MIL-STD-681

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)