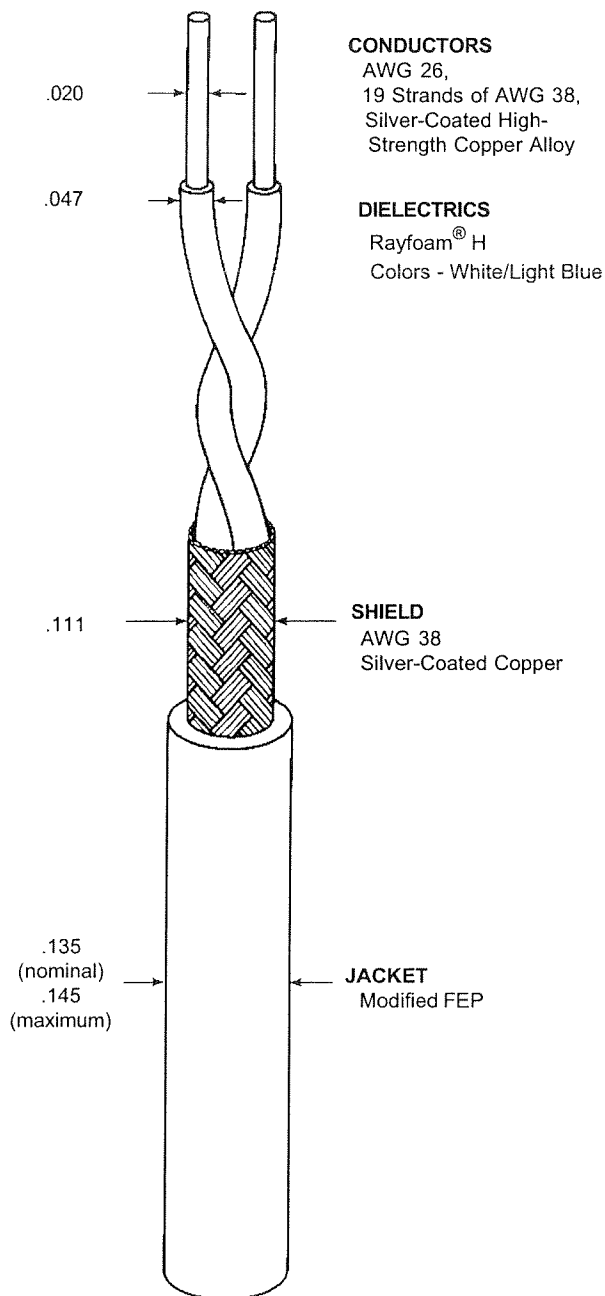


**CHEMINAX**100 OHM, AWG 26, 19 STRANDS OF AWG 38,  
RADIOFREQUENCY, TWIN CONDUCTOR CABLEDate: 3-27-02  
Revision: B

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.

**ELECTRICAL CHARACTERISTICS**

|                          |                                 |
|--------------------------|---------------------------------|
| CHARACTERISTIC IMPEDANCE | 100 ± 7 ohms, Method C at 1 MHz |
| CAPACITANCE - MUTUAL     | 14.5 pF/ft. (nominal)           |
| VELOCITY OF PROPAGATION  | 73% (nominal)                   |

**ADDITIONAL REQUIREMENTS****ELECTRICAL**

|                                   |                                          |
|-----------------------------------|------------------------------------------|
| CONDUCTOR RESISTANCE              | 42.0 ohms/1000 ft. (nominal)             |
| INSULATION RESISTANCE             | 10,000 megohms (minimum)<br>for 1000 ft. |
| JACKET FLAWS                      |                                          |
| SPARK TEST                        | 1.0 kV (rms)                             |
| IMPULSE TEST                      | 6.0 kV (peak)                            |
| VOLTAGE WITHSTAND<br>(DIELECTRIC) | 1000 volts (rms) (minimum)               |

**ENVIRONMENTAL**

|                                           |                            |
|-------------------------------------------|----------------------------|
| FLAMMABILITY                              | Method B                   |
| HEAT SHOCK                                | 225°C                      |
| LOW TEMPERATURE-<br>COLD BEND             | -55°C/3.75 inch mandrel    |
| VOLTAGE WITHSTAND<br>(POST ENVIRONMENTAL) | 1000 volts (rms), 1 minute |

**PHYSICAL**

|                                               |                                    |
|-----------------------------------------------|------------------------------------|
| INSULATION (DIELECTRIC)<br>(Prior to Cabling) |                                    |
| ELONGATION                                    | 50% (minimum)                      |
| TENSILE STRENGTH                              | 600 lbf/in <sup>2</sup> (minimum)  |
| JACKET                                        |                                    |
| ELONGATION                                    | 200% (minimum)                     |
| TENSILE STRENGTH                              | 2000 lbf/in <sup>2</sup> (minimum) |
| JACKET THICKNESS                              | .012 inch (nominal)                |
| SHIELD COVERAGE                               | 90% (minimum)                      |
| BRAID ANGLE                                   | 25° (maximum)                      |

|        |                             |
|--------|-----------------------------|
| WEIGHT | 13.7 lbs/1000 ft. (nominal) |
|--------|-----------------------------|

Outer jacket will be translucent white (designated by a "-9X" appended to the part number, e.g., 0026C0024-9X), unless otherwise specified.

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

**Raychem**300 Constitution Drive  
Menlo Park, California 94025  
1-800-2-Raychem Fax: 1-650-361-6297

THIS SPECIFICATION SHEET TAKES PRECEDENCE  
OVER DOCUMENTS REFERENCED HEREIN.  
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN  
EFFECT ON DATE OF INVITATION FOR BID.

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