

CHEMINAX

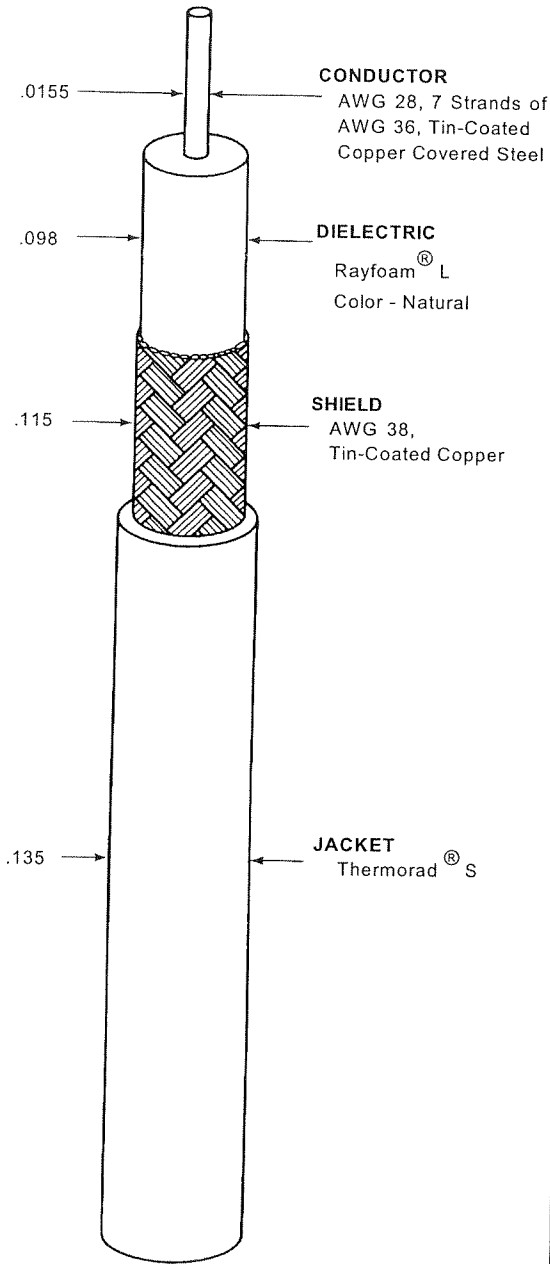
95 OHM, AWG 28, 7 STRANDS OF AWG 36, COAXIAL CABLE

Date: 07-16-01  
Revision: C

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 | 95 ± 5 ohms, Method B         |
| CAPACITANCE              | 13.4 pF/ft. (nominal) at 1kHz |
| VELOCITY OF PROPAGATION  | 80% (nominal)                 |

ADDITIONAL REQUIREMENTS

ELECTRICAL

|                                   |                                          |
|-----------------------------------|------------------------------------------|
| CONDUCTOR RESISTANCE              | 162. ohms/1000 ft. (nominal)             |
| INSULATION RESISTANCE             | 10,000 megohms (minimum)<br>for 1000 ft. |
| JACKET FLAWS                      |                                          |
| SPARK TEST                        | 1.0 kV (rms)                             |
| PULSE TEST                        | 6.0 kV (peak)                            |
| VOLTAGE WITHSTAND<br>(DIELECTRIC) | 1000 volts (rms), (minimum)              |

ENVIRONMENTAL

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

PHYSICAL

|                         |                        |
|-------------------------|------------------------|
| INSULATION (DIELECTRIC) |                        |
| ELONGATION              | 50% (minimum)          |
| TENSILE STRENGTH        | 800 lbf/in² (minimum)  |
| JACKET                  |                        |
| ELONGATION              | 250% (minimum)         |
| TENSILE STRENGTH        | 2000 lbf/in² (minimum) |
| JACKET THICKNESS        | .010 inch (nominal)    |
| SHIELD COVERAGE         | 90% (minimum)          |

|        |                             |
|--------|-----------------------------|
| WEIGHT | 10.0 lbs/1000 ft. (nominal) |
|--------|-----------------------------|

Outer jacket color will be black (designated by a "0" appended to the part number, e.g. 9528A1317-0) unless otherwise specified.

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

Raychem

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