CHEMINAX

75 OHM, AWG 26, 7 STRANDS OF AWG 34, COAXIAL CABLE

04-12-00

Revision:

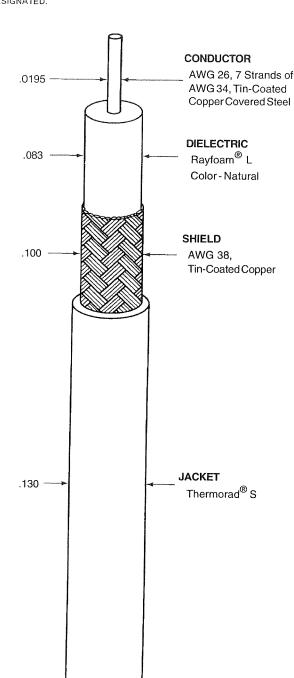
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THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

## CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



Outer jacket color will be black (designated by a "0" appended the part number, e.g., 7526A1317-0) unless otherwise specified.

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

# **ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE

75 ± 3 ohms, Method B

**CAPACITANCE** 

17.0 pF/ft. (nominal)

VELOCITY OF PROPAGATION

79% (nominal)

## ADDITIONAL REQUIREMENTS

### **ELECTRICAL**

CONDUCTOR RESISTANCE **INSULATION RESISTANCE** 

101.0 ohms/1000 ft. (nominal)

10,000 megohms (minimum) for 1000 ft.

JACKET FLAWS

SPARK TEST IMPULSE TEST 1.0 kV (rms) 6.0 kV (peak)

**VOLTAGE WITHSTAND** 

(Dielectric)

1000 volts (rms), (minimum)

### **ENVIRONMENTAL**

**FLAMMABILITY** 

**HEAT SHOCK** LOW TEMPERATURE-

COLD BEND

**VOLTAGE WITHSTAND** 

Method C 225°C

-55°C/3.50 inch mandrel

1000 volts (rms), 1 minute

(Post Environmental)

#### **PHYSICAL**

INSULATION (Dielectric)

**ELONGATION** TENSILE STRENGTH 50% (minimum) 800 lbf/in2 (minimum)

**JACKET** 

**ELONGATION** TENSILE STRENGTH 250% (minimum) 2000 lbf/in2 (minimum)

JACKET THICKNESS SHIELD COVERAGE

.015 inch (nominal) 90% (minimum)

WEIGHT

10.0 lbs/1000 ft. (nominal)

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