# **CHEMINAX**

75 OHM, AWG 24, 19 STRANDS OF AWG 36. TRIAXIAL CABLE

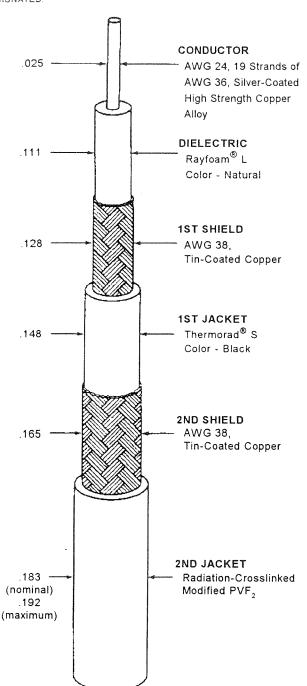
Date: Revision:

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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 white (designated by a "-9" appended to the part number, e.g. 7524E5114-9) 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

17.1 pF/ft. (nominal) at 1 kHz

VELOCITY OF PROPAGATION

79% (nominal)

## ADDITIONAL REQUIREMENTS

### ELECTRICAL

CONDUCTOR RESISTANCE INSULATION RESISTANCE (CONDUCTOR TO SHIELD)

JACKET FLAWS

SPARK TEST IMPULSE TEST

VOLTAGE WITHSTAND

(DIELECTRIC)

CONDUCTOR TO SHIELD SHIELD TO SHIELD

26.5 ohms/1000 ft. (nominal) 10,000 megohms (minimum) for 1000 ft.

1.0 kV (rms), 60 Hz 6.0 kV, (peak)

1000 volts (rms) (minimum) 500 volts (rms) (minimum)

#### **ENVIRONMENTAL**

AGING STABILITY FLAMMABILITY **HEAT SHOCK** 

LOW TEMPERATURE-

COLD BEND

135°C/-55°C/5.00 inch mandrel

Method B 225°C

-55°C/5.00 inch mandrel

#### **PHYSICAL**

INSULATION (DIELECTRIC)

**ELONGATION** TENSILE STRENGTH JACKET - INNER

**ELONGATION** TENSILE STRENGTH

JACKET - OUTER

**ELONGATION** TENSILE STRENGTH

JACKET THICKNESS INNER

OUTER SHIELD COVERAGE (EACH)

50% (minimum) 800 lbf/in2 (minimum)

250% (minimum)

2000 lbf/in2 (minimum)

200% (minimum) 4000 lbf/in' (minimum)

010 inch (nominal) .009 inch (nominal) 90% (minimum)

WEIGHT

24.9 lbs/1000 ft. (nominal)

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