**CHEMINAX** 

.060

.073

.089

(nominal)

094

(maximum)

95 OHM, AWG 32, 7 STRANDS OF AWG 40, COAXIAL CABLE

08-24-00 Date:

С Revision:

95 ± 5 ohms, Method B

79% (nominal)

ADDITIONAL REQUIREMENTS

13.5 pF/ft. (nominal) at 1 kHz

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

## CONSTRUCTION DETAILS

## **ELECTRICAL CHARACTERISTICS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CONDUCTOR AWG 32, 7 Strands of .0093 AWG 40, Silver-Coated High Strength Copper Alloy **DIELECTRIC** 

Rayfoam® L Color - Natural

SHIELD AWG 40

**JACKET** 

Radiation-Crosslinked,

Modified PVF<sub>2</sub>

Tin-Coated Copper

**ELECTRICAL** 

**CAPACITANCE** 

**CONDUCTOR RESISTANCE INSULATION RESISTANCE** 

CHARACTERISTIC IMPEDANCE

**VELOCITY OF PROPAGATION** 

**JACKET FLAWS** SPARK TEST **IMPULSETEST** 

**VOLTAGE WITHSTAND** (DIELECTRIC)

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

for 1000 ft.

1.0 kV (rms) 6.0 kV (peak)

1000 volts (rms), (minimum)

**ENVIRONMENTAL** 

**FLAMMABILITY** Method B **HEAT SHOCK** 225°C

LOWTEMPERATURE--55°C/2.50 inch mandrel

**COLD BEND** 

**VOLTAGE WITHSTAND** 

(POST ENVIRONMENTAL) 1000 volts (rms), 1 minute

**PHYSICAL** 

INSULATION (DIELECTRIC)

**ELONGATION** TENSILE STRENGTH

**JACKET** 

**ELONGATION** TENSILE STRENGTH **JACKETTHICKNESS** 

**SHIELD COVERAGE** 

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

200% (minimum) 4000 lbf/in<sup>2</sup> (minimum) .006 inch (minimum)

.008 inch (nominal) 90% (minimum)

Outer jacket color will be white (designated by a "9" appended to the part number, e.g., 9532A1114-9) unless otherwise specified.

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

WEIGHT

5.4 lbs/1000 ft. (nominal)

