CHEMINAX

.101

.119

(nominal)

50 OHM, AWG 22, 19 STRANDS OF AWG 34, COAXIAL CABLE

Date: 07-27-00

Revision:

F

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. CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A

CONDUCTOR .032 AWG 22, 19 Strands of AWG 34, Tin-Coated Copper DIELECTRIC Rayfoam® L .084

Color - Natural

SHIELD

JACKET

Thermorad® S

AWG 38

Tin-Coated Copper

CAPACITANCE 26.4 pF/ft. (nominal)

VELOCITY OF PROPAGATION 77% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTORRESISTANCE 14.75 ohms/1000 ft. (nominal)

INSULATION RESISTANCE 10,000 megohms (minimum) for 1000 ft.

JACKET FLAWS SPARK TEST

1.0 kV (rms) IMPULSE TEST 6.0 kV (peak) **VOLTAGEWITHSTAND**

1000 volts (rms) (minimum) (Dielectric)

ENVIRONMENTAL

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

LOW TEMPERATURE--55°C/3.25 inch mandrel

COLD BEND

VOLTAGEWITHSTAND 1000 volts (rms), 1 minute

(Post Environmental)

PHYSICAL

INSULATION (Dielectric) **ELONGATION**

TENSILE STRENGTH **JACKET**

ELONGATION TENSILE STRENGTH JACKET THICKNESS SHIELD COVERAGE

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

250% (minimum) 2000 lbf/in2 (minimum) .009 inch (nominal) 90% (minimum)

Outer jacket color will be black (designated by a "-0" appended to the part number, e.g., 5022A1311-0) unless otherwise specified.

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

WEIGHT

10.5 lbs/1000 ft. (nominal)

