CHEMINAX

50 OHM, AWG 20, 19 STRANDS OF AWG 32, COAXIAL CABLE

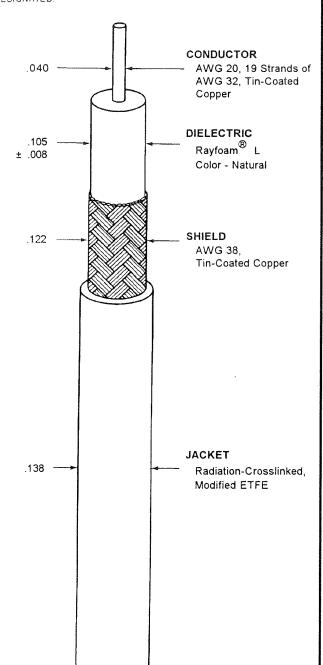
Revision:

Α

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., 5020A1611-9) unless other specified.

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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A

CAPACITANCE 26.0 pF/ft. (nominal)

27.5 pF/ft. (maximum)

VELOCITY OF PROPAGATION 78% (nominal)

ATTENUATION 4.5 dB/100 ft. (nominal) at 100 MHz

9.7 dB/100 ft. (nominal) at 400 MHz

33.3 dB/100 ft. (nominal) at 3 GHz

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE 9.53 ohms/1000 ft. (nominal) INSULATION RESISTANCE 10,000 megohms (minimum)

for 1000 ft.

JACKET FLAWS SPARK TEST 1.0 kV (rms), 60 Hz IMPULSE TEST 6.0 kV, (peak)

VOLTAGE WITHSTAND

(DIELECTRIC) 1000 volts (rms), (minimum)

ENVIRONMENTAL

AGING STABILITY 135°C/-55°C/3.75 inch mandrel

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

-55°C/3.75 inch mandrel LOW TEMPERATURE-

COLD BEND **VOLTAGE WITHSTAND**

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

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION TENSILE STRENGTH

JACKET

ELONGATION TENSILE STRENGTH JACKET THICKNESS SHIELD COVERAGE

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

50% (minimum) 5000 lbf/in2 (minimum) .008 inch (nominal) 90% (minimum)

WEIGHT

13.8 lbs/1000 ft. (nominal)