CHEMINAX

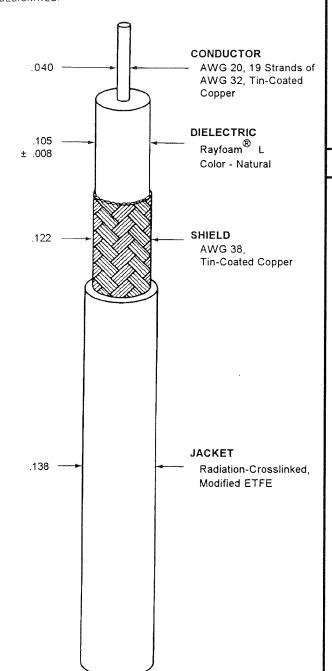
50 OHM, AWG 20, 19 STRANDS OF AWG 32. COAXIAL CABLE

Date: Revision:

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

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

LOW TEMPERATURE--55°C/3.75 inch mandrel

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)

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