CHEMINAX

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

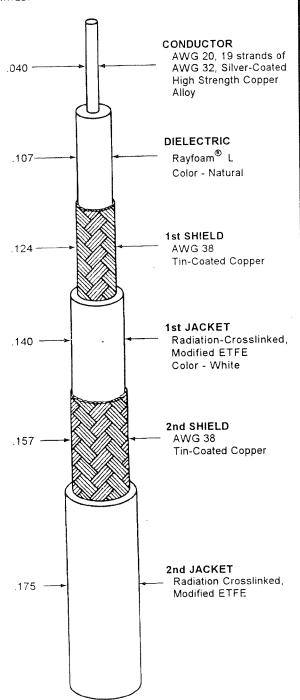
Date: 4-17-97

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., 5020A5614-9) unless otherwise specified.

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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE

50 ± 2 ohms, Method A (For entire test length)

CAPACITANCE

26.4 pF/ft. (nominal)

VELOCITY OF PROPAGATION

77% (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

10.0 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

VOLTAGE WITHSTAND (POST ENVIRONMENTAL) 135°C/-55°C/5.00 inch mandrel

Method B 225° C

-55°C/5.00 inch mandrel

1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) ELONGATION TENSILE STRENGTH JACKET (EACH)

ELONGATION TENSILE STRENGTH 1ST JACKET THICKNESS 2ND JACKET THICKNESS

SHIELD COVERAGE (EACH)

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

50% (minimum) 5000 lbf/in2 (minimum) .008 inch (nominal) .009 inch (nominal) 90% (minimum)

WEIGHT

26.0 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.