CHEMINAX

75 OHM, AWG 28, 7 STRANDS OF AWG 36, COAXIAL CABLE

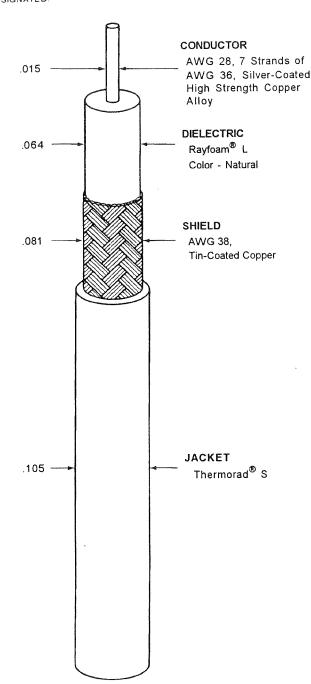
Date: Revision:

9-8-97 В

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 black (designated by a "0" appended to the part number, e.g., 7528A1314-0) unless otherwise specified.

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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE

75 ± 3 ohms, Method B

CAPACITANCE

17.6 pF/ft. (nominal) at 1 kHz

VELOCITY OF PROPAGATION

77% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE INSULATION RESISTANCE

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

for 1000 ft.

JACKET FLAWS SPARK TEST

1.0 kV (rms), 60 Hz 6.0 kV (peak)

IMPULSE TEST **VOLTAGE WITHSTAND**

(DIELECTRIC)

1000 volts (rms), (minimum)

135°C/-55°/3.00 inch mandrel

ENVIRONMENTAL

AGING STABILITY **FLAMMABILITY** HEAT SHOCK

Method C 225°C

LOW TEMPERATURE-

-55°C/3.00 inch mandrel

COLD BEND

VOLTAGE WITHSTAND (POST ENVIRONMENTAL)

1000 volts (rms), for 1 minute

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) .012 inch (nominal) 90% (minimum)

WEIGHT

7.2 lbs/1000 ft. (nominal)