CHEMINAX

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

Date: Revision:

В

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

CHARACTERISTIC IMPEDANCE

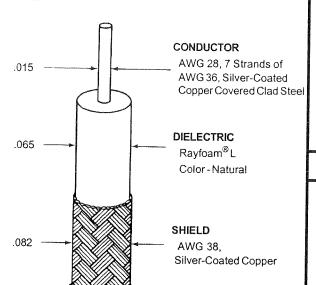
75 ± 3 ohms, Method B

CAPACITANCE

17.2 pF/ft. (nominal) at 1 kHz

VELOCITY OF PROPAGATION

77% (nominal)



JACKET

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ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE **INSULATION RESISTANCE**

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

for 1000 ft.

JACKET FLAWS SPARK TEST IMPULSE TEST

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

VOLTAGE WITHSTAND (DIELECTRIC)

1000 volts (rms), (minimum)

ENVIRONMENTAL

AGING STABILITY FLAMMABILITY

Method C **HEAT SHOCK**

LOW TEMPERATURE-COLD BEND

VOLTAGE WITHSTAND

135°C/-55°C/2.75 inch mandrel

225°C

-55°C/2.75 inch mandrel

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

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION

TENSILE STRENGTH

JACKET **ELONGATION**

TENSILE STRENGTH JACKET THICKNESS SHIELD COVERAGE

50% (minimum) 1000lbf/in2 (minimum)

250% (minimum) 2000 lbf/in2 (minimum) .010 inch (nominal) 90% (minimum)

Outer jacket color will be black (designated by a "0" appended to the part number, e.g., 7528A1318-0) unless otherwise specified.

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

WEIGHT

6.8 [bs/1000 ft. (nominal)



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300 Constitution Drive Menio Park, California 94025 1-800-2 Raychem FAX: 1-415-361-6297 THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN REFER-ENCE

DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID