CHEMINAX

50 OHM, AWG 24, 19 STRANDS OF AWG 36, COAXIAL CABLE Date:

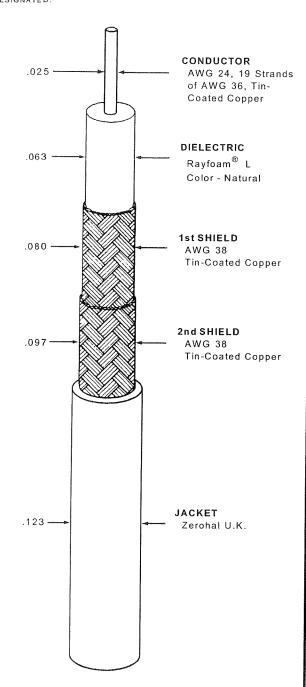
01-17-01

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



Outer jacket color will be black (designated by a "-0" appended to the part number, e.g., 5024A3811-0) 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

CAPACITANCE

26.0 pF/ft. (nominal)

VELOCITY OF PROPAGATION

78% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE INSULATION RESISTANCE

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

for 1000 ft.

JACKET FLAWS SPARK TEST

1.0 kV (rms) 6.0 kV (peak)

IMPULSETEST VOLTAGE WITHSTAND

1000 volts (rms) (minimum)

(DIELECTRIC)

ENVIRONMENTAL

FLAMMABILITY HEAT SHOCK Method B 225°C

LOW TEMPERATURE-

-30°C/3.00 inch mandrel

COLDBEND

VOLTAGE WITHSTAND (POSTENVIRONMENTAL)

1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION TENSILE STRENGTH 50% (minimum) 800 lbf/in² (minimum)

JACKET

ELONGATION
TENSILE STRENGTH
JACKET THICKNESS
SHIELD COVERAGE (EACH)

800 lbf/in² (minimum)

150% (minimum) 1200 lbf/in² (minimum) .013 inch (nominal) 90% (minimum)

WEIGHT

13.9 lbs/1000 ft. (nominal)

Raychem

300 Constitution Drive Menlo Park, California 94025 1-800-2 Raychem FAX: 1-650-361-6297 THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.