

125 OHM, AWG 24, 19 STRANDS OF AWG 36, RADIO FREQUENCY,

TWIN CONDUCTOR CABLE

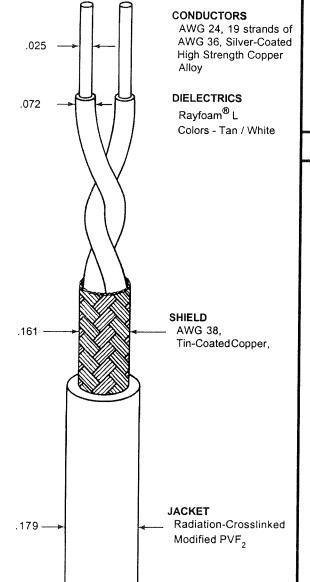
Date: 3-16-00

Revision: G

THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHER-WISE DESIGNATED.



iter jacket color will be white (designated by a "-9" appended to the part number, e.g., 2524E0114-9) unless otherwise specified.

Designate outer jacket color with a dash number in accordance with

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE

125 ± 10 ohms, Method C at 1 MHz

CAPACITANCE - MUTUAL

12.0 pF/ft. (nominal)

VELOCITY OF PROPAGATION

77% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE INSULATION RESISTANCE

26.5ohms/1000 ft. (nominal) 10,000 megohms (minimum)

for 1000 ft. **JACKET FLAWS**

SPARKTEST **IMPULSETEST**

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

VOLTAGE WITHSTAND

1000 volts (rms) (minimum)

(DIELECTRIC)

ENVIRONMENTAL

AGING STABILITY

135°C/-55°C/5.00 inchmandrel Method B

FLAMMABILITY **HEAT SHOCK**

225°C

LOW TEMPERATURE-

-55°C/5.00 inch mandrel

COLDBEND

VOLTAGE WITHSTAND

(POSTENVIRONMENTAL)

1000 volts (ms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)

(Prior to Cabling)

ELONGATION

50% (minimum)

TENSILE STRENGTH

800 lbf/in2 (minimum)

JACKET

ELONGATION TENSILE STRENGTH **JACKETTHICKNESS**

200% (minimum)

4000 lbf/in2 (minimum) .009 inch (nominal) 90% (minimum)

SHIELDCOVERAGE

WEIGHT

15.3 lbs/1000 ft (nominal)