

.068

.153

.171 -

120 OHM, AWG 24, RADIO FREQUENCY, 19 STRANDS OF AWG 36. TWIN CONDUCTOR CABLE

Date: Revision:

8-18-99

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.

.025

CONDUCTORS

AWG 24, 19 Strands of AWG 36, Silver-Coated High Strength Copper Allov

DIELECTRICS

Rayfoam® L Colors - White/ Light Blue

SHIELD

AWG 38 Tin-Coated Copper

JACKET

Radiation-Crosslinked Modified PVF₂

Outer jacket will be white (designated by a "-9" appended to the part number, e.g., 2024D0114-9) unless otherwise specified.

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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE

120 ± 10 ohms, Method C at 1 MHz

CAPACITANCE - MUTUAL

12.5 pF/ft. (nominal)

VELOCITY OF PROPAGATION

77% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE INSULATION RESISTANCE

26.5 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**

HEAT SHOCK

LOW TEMPERATURE-

COLD BEND

VOLTAGE WITHSTAND (POST ENVIRONMENTAL)

135°C/-55°C/4.50 inch mandrel Method B

225°C

-55°C/4.50 inch mandrel

1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) (Prior to Cabling)

ELONGATION

TENSILESTRENGTH

JACKET

ELONGATION TENSILE STRENGTH JACKET THICKNESS

SHIELD COVERAGE

50% (minimum)

1000 lbf/in2 (minimum)

200% (minimum) 4000 lbf/in² (minimum) .009 inch (nominal)

90% (minimum)

WEIGHT

14.6 lbs/1000 ft. (nominal)

Ravchem

Raychem Corporation 300 Constitution Drive Menlo Park, California 94025 1-800-2 Raychem Fax: 1-415-361-6297 THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HERIN. REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

单击下面可查看定价,库存,交付和生命周期等信息

>>TE Connectivity(泰科)