CHEMINAX

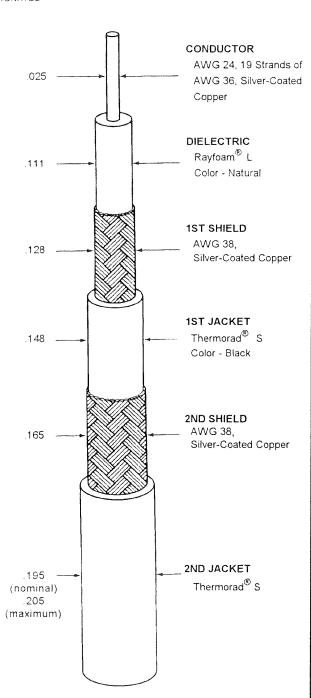
75 OHM, AWG 24, 19 STRANDS OF AWG 36, TRIAXIAL CABLE

Date: 5-1

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. 7524E5312-0) 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 17.1 pF/ft. (nominal) at 1 kHz

19.0 pF/ft. (maximum) at 1 kHz

VELOCITY OF PROPAGATION 79% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE 23.0 ohms/1000 ft. (nominal) INSULATION RESISTANCE 10,000 megohms (minimum) for 1000 ft.

JACKET FLAWS

SPARK TEST

IMPULSE TEST

ON TAGE WITHSTAND

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

VOLTAGE WITHSTAND (DIELECTRIC)

CONDUCTOR TO SHIELD 1000 volts (rms) (minimum)
SHIELD TO SHIELD 500 volts (rms) (minimum)

ENVIRONMENTAL

AGING STABILITY 135°C/-55°C/5.50 inch mandrel

FLAMMABILITY Method C HEAT SHOCK 225°C

LOW TEMPERATURE- -55°C/5.50 inch mandrel

COLD BEND

VOLTAGE WITHSTAND 1000 volts (rms), 1 minute

(POST ENVIRONMENTAL)

OUT ENVIRONMENTAL)

PHYSICAL

INSULATION (DIELECTRIC)
ELONGATION 50% (minimum)

TENSILE STRENGTH 800 lbf/in² (minimum)

JACKET (EACH)

ELONGATION 250% (minimum)
TENSILE STRENGTH 2000 lbf/in² (minimum)
1ST JACKET THICKNESS .010 inch (nominal)
2ND JACKET THICKNESS .015 inch (nominal)
SHIELD COVERAGE (EACH) 90% (minimum)

WEIGHT 25.5 lbs/1000 ft. (nominal)

Raychem

Raychem Corporation 300 Constitution Drive Menio 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 SID.