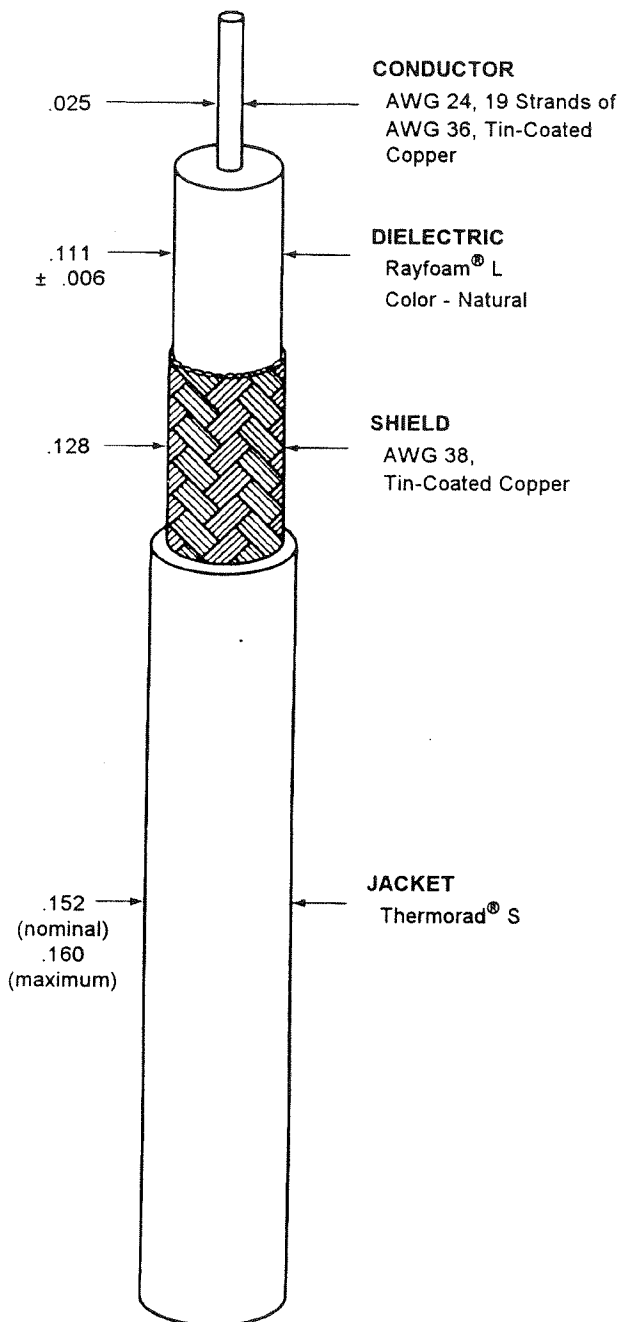


**CHEMINAX**75 OHM, AWG 24, 19 STRANDS OF AWG 36,  
COAXIAL CABLEDate: 1-23-97  
Revision: 8

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.

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE	75 ± 3 ohms, Method B
CAPACITANCE	17.2 pF/ft. (nominal) 19.0 pF/ft. (maximum) at 1 kHz
VELOCITY OF PROPAGATION	79% (nominal)

**ADDITIONAL REQUIREMENTS****ELECTRICAL**

CONDUCTOR RESISTANCE	24.8 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
JACKET FLAWS	
SPARK TEST	1.0 kV (rms), 60 Hz
IMPULSE TEST	6.0 kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)

**ENVIRONMENTAL**

AGING STABILITY	135°C/-55°/4.25 inch mandrel
FLAMMABILITY	Method C
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/4.25 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

**PHYSICAL**

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	800 lbf/in <sup>2</sup> (minimum)
JACKET	
ELONGATION	250% (minimum)
TENSILE STRENGTH	2000 lbf/in <sup>2</sup> (minimum)
JACKET THICKNESS	.012 inch (nominal)
SHIELD COVERAGE	90% (minimum)

WEIGHT

12.9 lbs/1000 ft. (nominal)

Outer jacket color will be black (designated by a "0" appended to the part number, e.g., 7524A1311-0) unless otherwise specified.

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

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

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