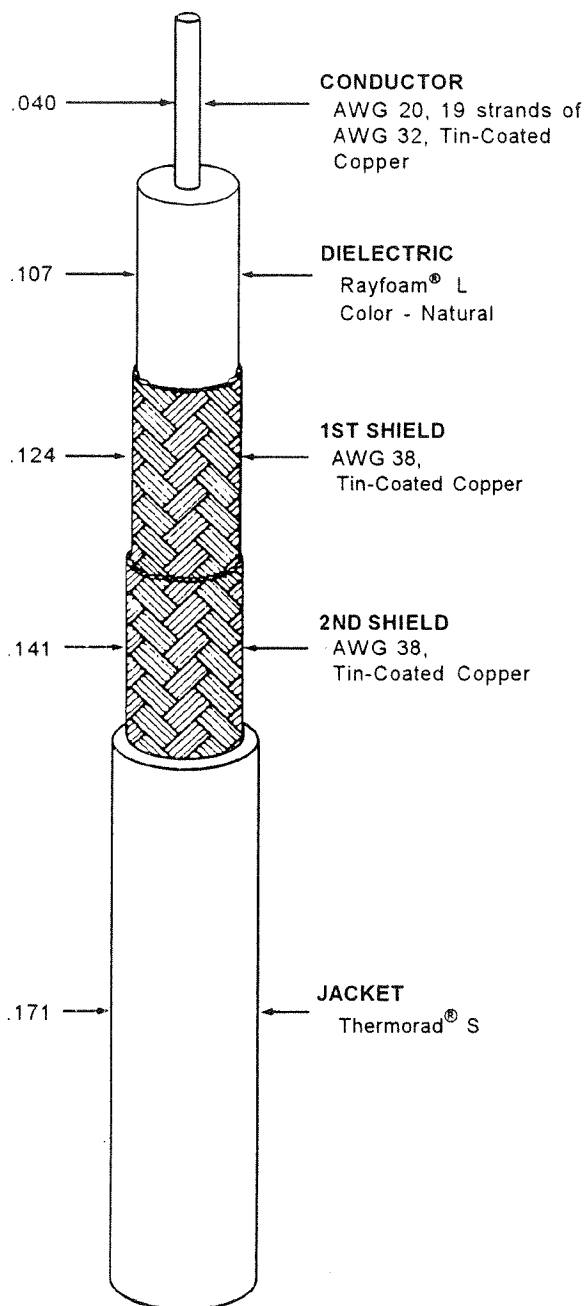


**CHEMINAX**50 OHM, AWG 20, 19 STRANDS OF AWG 32,  
COAXIAL CABLEDate: 11-24-97  
Revision: D

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	50 ± 2 ohms, Method A
CAPACITANCE	26.4 pF/ft. (nominal)
VELOCITY OF PROPAGATION	77% (nominal)

**ADDITIONAL REQUIREMENTS****ELECTRICAL**

CONDUCTOR RESISTANCE	9.53 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°C/4.50 inch mandrel
FLAMMABILITY	Method C
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/4.50 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	.015 inch (nominal)
SHIELD COVERAGE (EACH)	90% (minimum)

Outer jacket color will be white (designated by a "-0" appended to the part number, e.g 5020A3311-0) unless otherwise specified.

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

WEIGHT

23.1 lbs/1000 ft. (nominal)

**Raychem**

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THIS SPECIFICATION SHEET TAKES PRECEDENCE  
OVER DOCUMENTS REFERENCED HEREIN. REFERENCE  
DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT  
ON DATE OF INVITATION FOR BID.