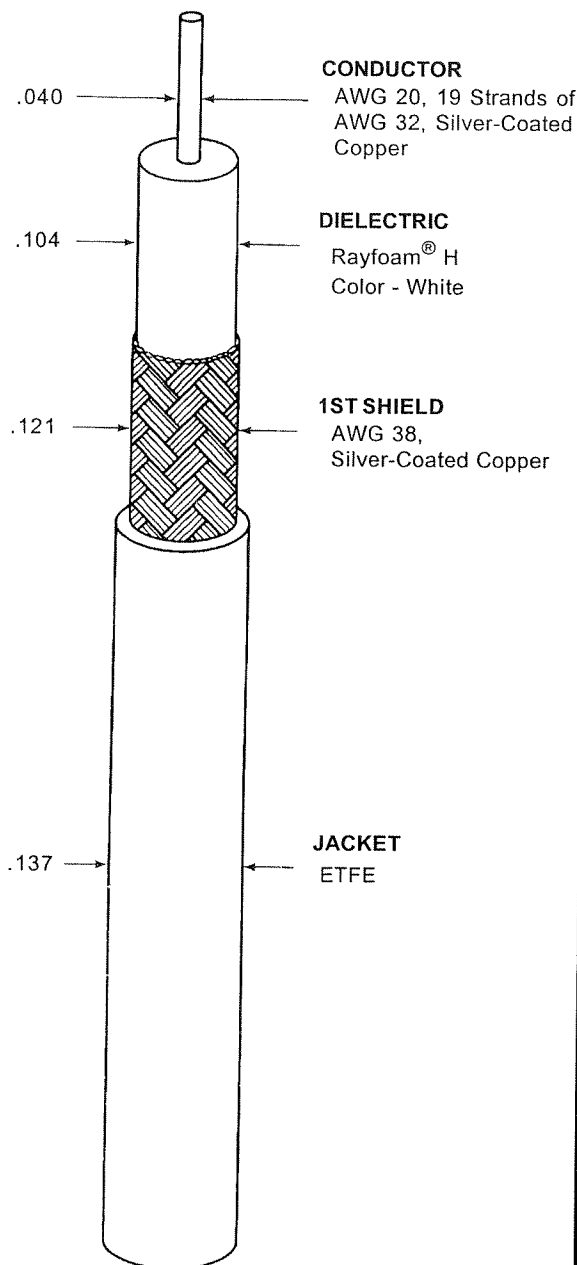


**CHEMINAX**50 OHM, AWG 20, 19 STRANDS OF AWG 32,  
COAXIAL CABLEDate: 01-30-01  
Revision:

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

**CONSTRUCTION DETAILS****ELECTRICAL CHARACTERISTICS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



CHARACTERISTIC IMPEDANCE	50 ± 2 ohms, Method A
CAPACITANCE	25.7 pF/ft. (nominal)
VELOCITY OF PROPAGATION	79% (nominal)

**ADDITIONAL REQUIREMENTS****ELECTRICAL**

CONDUCTOR RESISTANCE	8.87 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
JACKET FLAWS	
SPARK TEST	1.0 kV (rms)
IMPULSE TEST	6.0 kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms), (minimum)

**ENVIRONMENTAL**

FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/3.75 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

**PHYSICAL**

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	600 lbf/in <sup>2</sup> (minimum)
JACKET	
ELONGATION	150% (minimum)
TENSILE STRENGTH	5000 lbf/in <sup>2</sup> (minimum)
JACKET THICKNESS	.008 inch (nominal)
SHIELD COVERAGE	90% (minimum)

Outer jacket color will be white (designated by a "9" appended to the part number, e.g., 5020H1522-9) unless other specified.

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

WEIGHT

16.3 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.