

CHEMINAX50 OHM, AWG 20, 19 STRANDS OF AWG 32,
COAXIAL CABLE

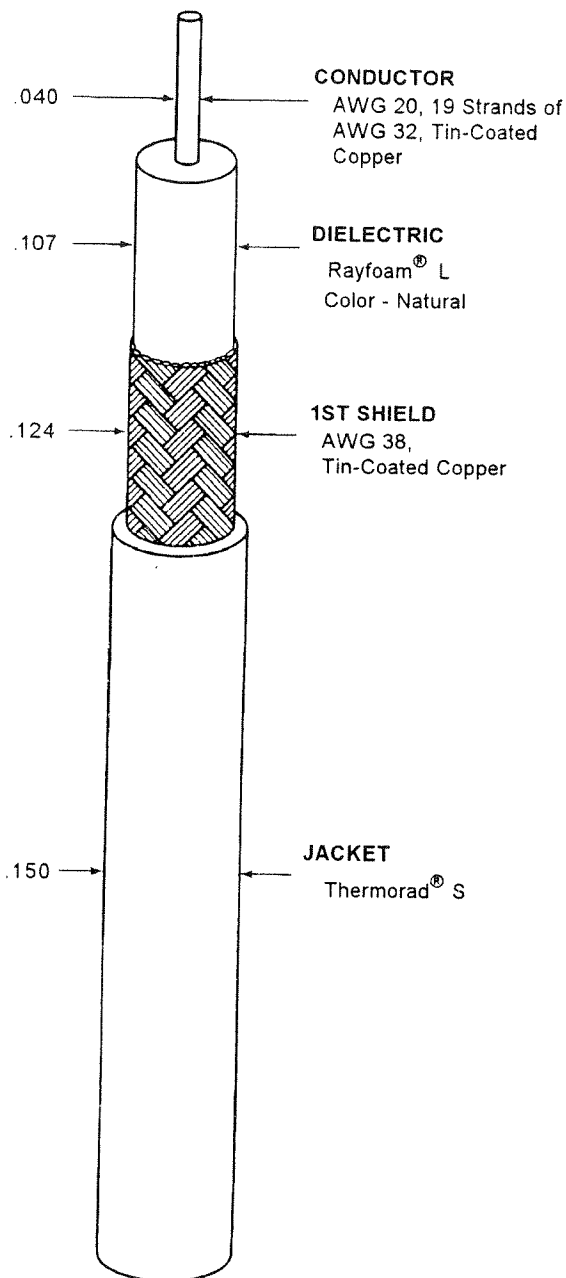
Date: 11-24-97

Revision: B

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)
ATTENUATION	9.6 dB/100 ft. (nominal) at 400 MHz

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/425 inch mandrel
FLAMMABILITY	Method C
HEAT SHOCK	225°C
LOW TEMPERATURE-	-55°C/4.25 inch mandrel
COLD BEND	
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	800 lbf/in ² (minimum)
JACKET	
ELONGATION	250% (minimum)
TENSILE STRENGTH	2000 lbf/in ² (minimum)
JACKET THICKNESS	.013 inch (nominal)
SHIELD COVERAGE	90% (minimum)

WEIGHT

15.2 lbs/1000 ft. (nominal)

Outer jacket color will be black (designated by a "0" appended to the part number, e.g., 5020A1311-0) unless other 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: 1-650-361-6297

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

Mouser Electronics

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