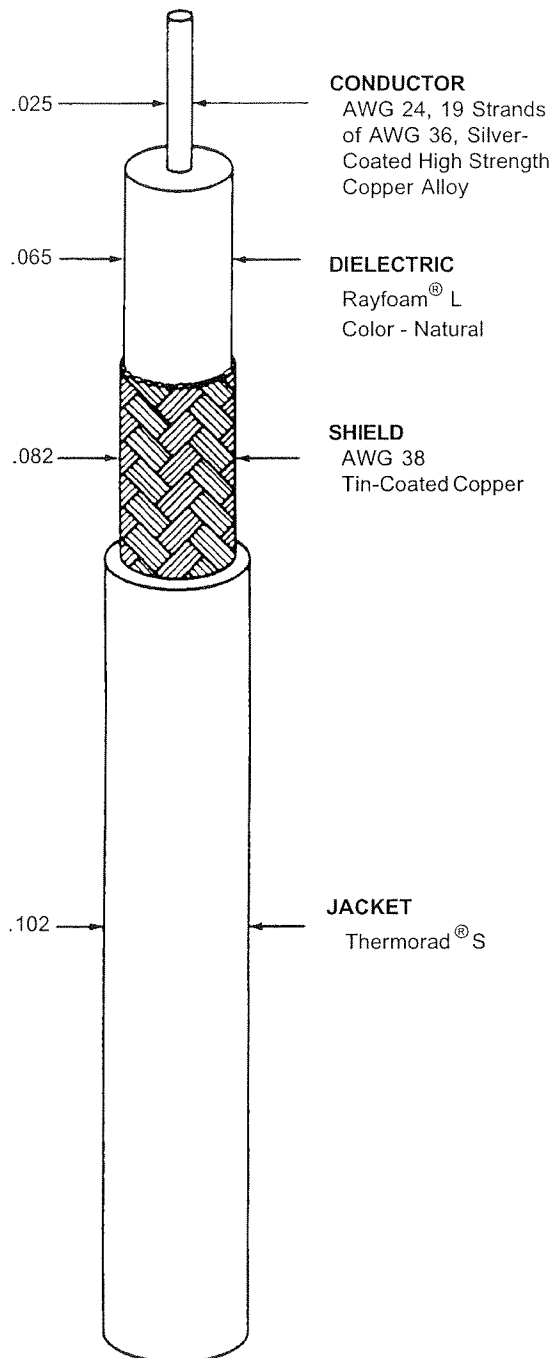


CHEMINAX50 OHM, AWG 24, 19 STRANDS OF AWG 36,
COAXIAL CABLEDate: 06-12-00
Revision: I

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., 5024A1314-0) unless otherwise specified.

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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	50 ± 2 ohms, Method A
CAPACITANCE	27.5 pF/ft. (nominal) 29.5 pF/ft. (maximum)
VELOCITY OF PROPAGATION	76% ± 2%

ADDITIONAL REQUIREMENTS**ELECTRICAL**

CONDUCTOR RESISTANCE	26.5 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 C
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/3.00 inch mandrel
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	.010 inch (nominal)
SHIELD COVERAGE	90% (minimum)

Outer jacket shall be marked in contrasting color at 6 inch (minimum), 12 inch (maximum) intervals with the following: " 5024A1314 06090 "

WEIGHT	7.8 lbs/1000 ft. (nominal)
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Menlo Park, California 94025
1-800-2RAYCHEM 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.