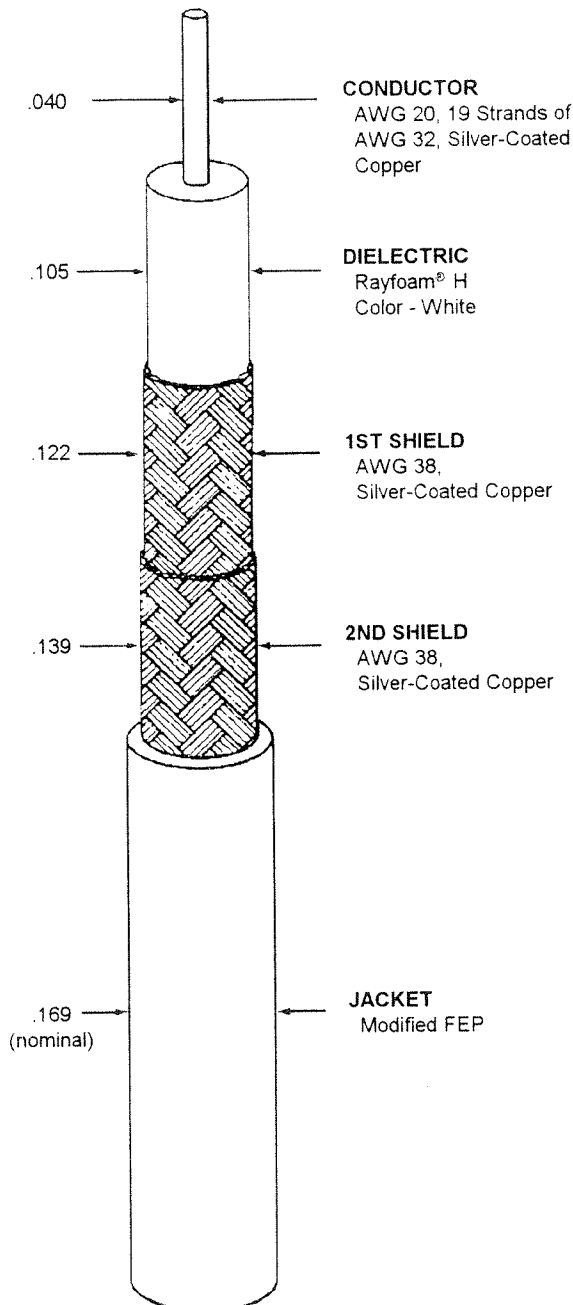


CHEMINAX50 OHM, AWG 20, 19 STRANDS OF AWG 32,
COAXIAL CABLEDate: 2-17-98
Revision: J

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 translucent white (designated by a "-9X" appended to the part number, e.g. 5020A3422-9X) unless otherwise specified.

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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	50 ± 2 ohms, Method A
CAPACITANCE	25.5 pF/ft. (nominal)
VELOCITY OF PROPAGATION	79% (nominal)
ATTENUATION	5.0 @ 100 MHz 10.5 @ 400 MHz 18.0 @ 1 GHz 37.0 @ 3 GHz 43.5 @ 4 GHz 52.0 @ 5 GHz

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), 60 Hz
IMPULSE TEST	6.0 kV, (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms), (minimum)

ENVIRONMENTAL

AGING STABILITY	135°C/-55°C/4.00 inch mandrel
FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/4.00 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	600 lbf/in ² (minimum)
JACKET	
ELONGATION	200% (minimum)
TENSILE STRENGTH	2000 lbf/in ² (minimum)
JACKET THICKNESS	.015 inch (nominal)
SHIELD COVERAGE (EACH)	90% (minimum)

PRODUCT IDENTIFICATION: When required shall be applied by the use of a marker tape under the jacket with the mark at 12 inch (nominal) intervals.

WEIGHT	25.1 lbs/1000 ft. (nominal)
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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.