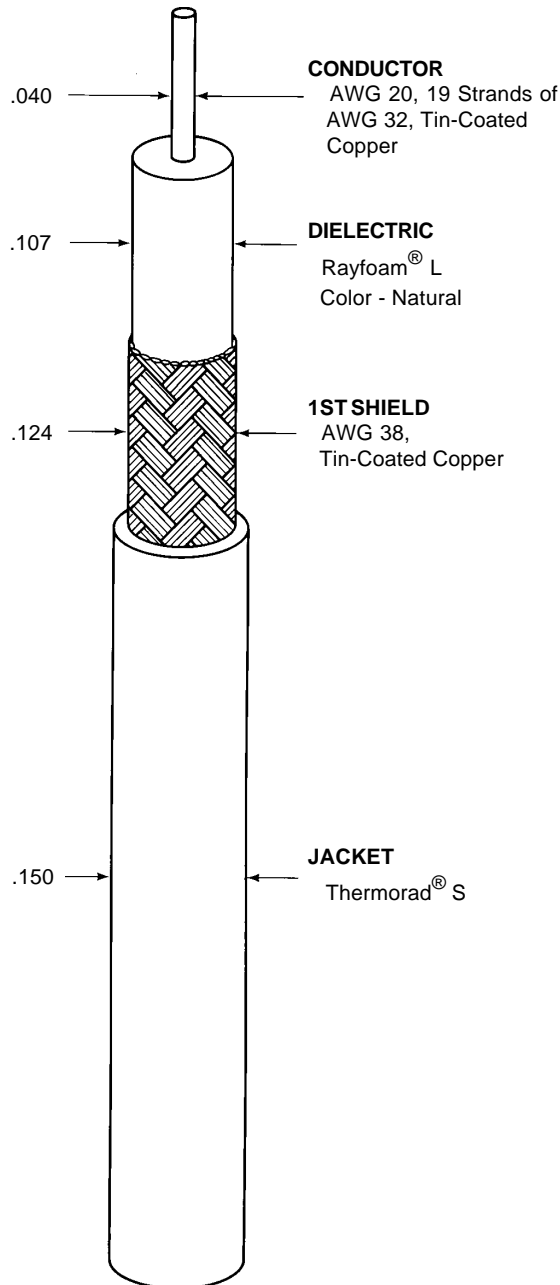


CHEMINAX50 OHM, AWG 20, 19 STRANDS OF AWG 32,
COAXIAL CABLEDate: 9-19-06
Revision: A

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., 5020J1311-0) unless other specified.

Designate outer jacket color with a dash number in accordance with MIL-STD-681. Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.

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)
IMPULSE TEST	6.0 kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	500 volts (rms), (minimum)

ENVIRONMENTAL

FLAMMABILITY	Method C
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/4.25 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	.013 inch (nominal)
SHIELD COVERAGE	90% (minimum)

SPOOLING INFORMATION

MINIMUM LENGTH	2000 FEET
MINIMUM REEL SIZE	24 INCH WOOD

NOTES:

Lumps, bumps and sparkouts are not to be cut out.
Sparkouts are to be covered with masking tape.
Finished cable neckdown (resulting from dielectric splices) are to be cut out.

WEIGHT	15.2 lbs/1000 ft. (nominal)
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Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.

Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

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

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