

CHEMINAX

125 OHM, AWG 24, 19 STRANDS OF AWG 36,
MINIATURE BALANCED LINE CABLE

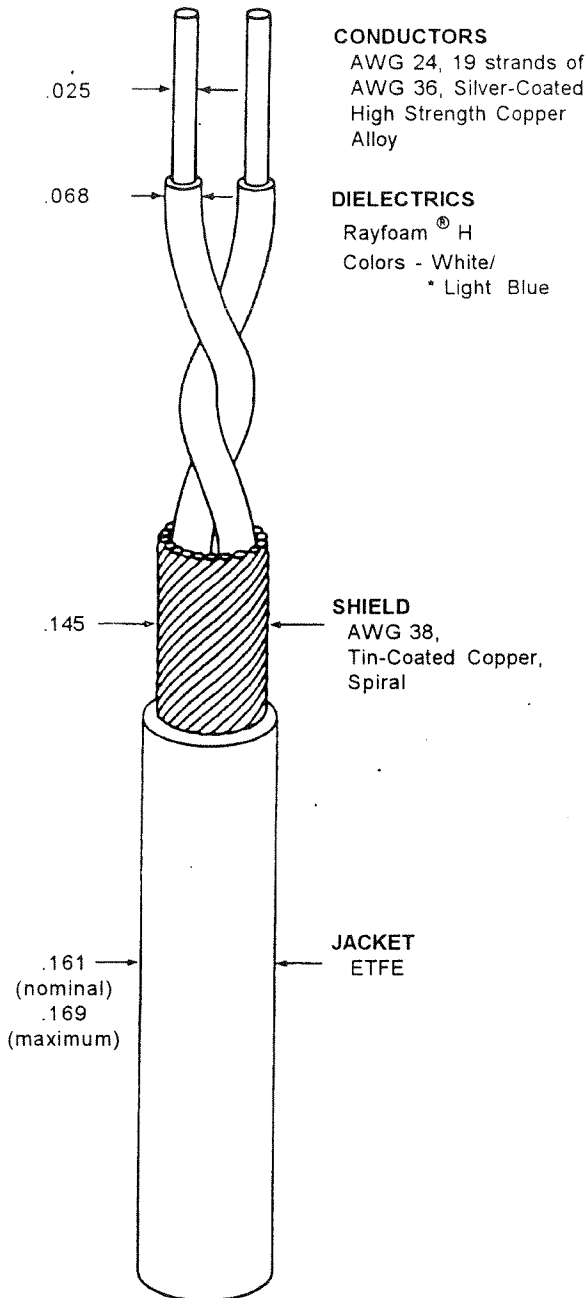
Date: 4-30-97
Revision: D

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	125 ± 20 ohms, Method C at 1 MHz
CAPACITANCE - MUTUAL	11.5 pF/ft. (nominal)
VELOCITY OF PROPAGATION	79% (nominal)

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), 60 Hz
IMPULSE TEST	6.0 kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	1500 volts (rms) (minimum)

ENVIRONMENTAL

AGING STABILITY	150°C/-55°C/4.50 inch mandrel
FLAMMABILITY	Method B
LOW TEMPERATURE- COLD BEND	-55°C/4.50 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) (Prior to Cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	600 lbf/in ² (minimum)
JACKET	
ELONGATION	150% (minimum)
TENSILE STRENGTH	5000 lbf/in ² (minimum)
JACKET THICKNESS	.008 inch (nominal)
SHIELD COVERAGE	85% (minimum)

WEIGHT	13.0 lbs/1000 ft. (nominal)
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Outer jacket color will be white (designated by a "-9" appended to the part number, e.g., 2524F0524-9) unless otherwise specified.

* Component wire color option: White/tan component colors will be designated with a slash separating the component wire colors, e.g., 2524F0524-9/1L-9

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

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.

Mouser Electronics

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