

CHEMINAX

125 OHM, AWG 26, 19 STRANDS OF AWG 38,
RADIO FREQUENCY, TWIN CONDUCTOR CABLE

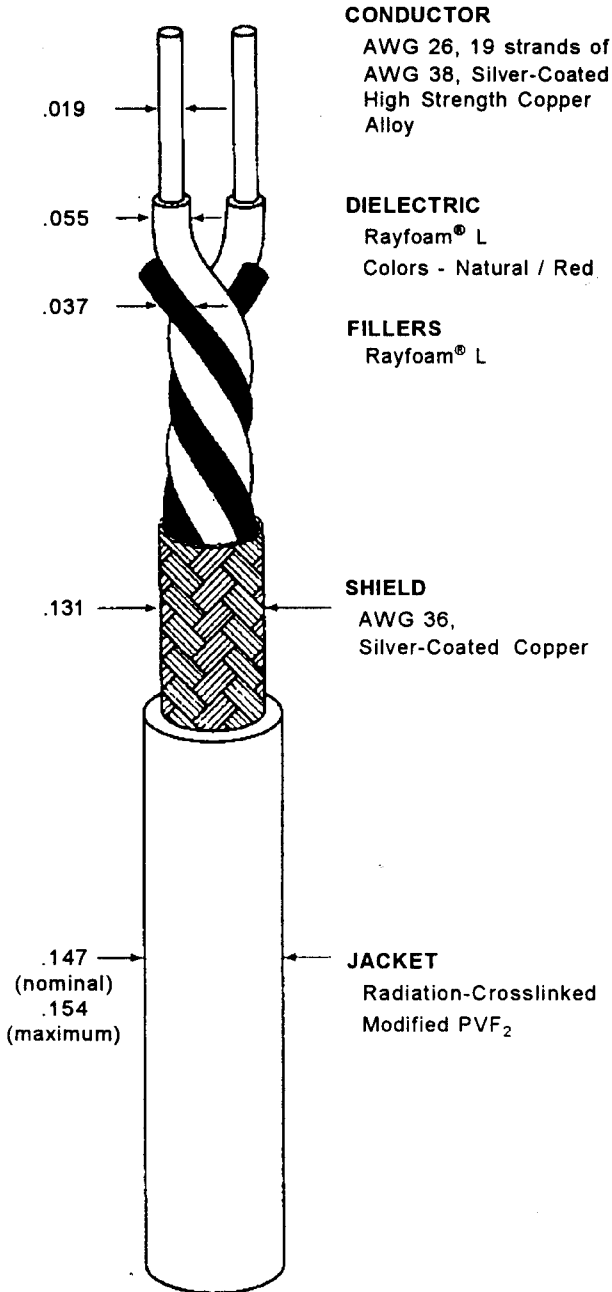
Date: 5-4-99
Revision: B

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.



CONDUCTOR
AWG 26, 19 strands of
AWG 38, Silver-Coated
High Strength Copper
Alloy

DIELECTRIC
Rayfoam® L
Colors - Natural / Red

FILLERS
Rayfoam® L

SHIELD
AWG 36,
Silver-Coated Copper

JACKET
Radiation-Crosslinked
Modified PVF₂

CHARACTERISTIC IMPEDANCE	125 ± 15 ohms, Method C, at 1 MHz
CAPACITANCE - MUTUAL	11.0 pF/ft. (nominal)
VELOCITY OF PROPAGATION	75% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE	42.0 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

PHYSICAL

INSULATION (DIELECTRIC) (Prior to Cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	1000 lbf/in ² (minimum)
JACKET	
ELONGATION	200% (minimum)
TENSILE STRENGTH	4000 lbf/in ² (minimum)
JACKET THICKNESS	.008 inch (nominal)
SHIELD COVERAGE	90% (minimum)

WEIGHT	14.6 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. 2526E1114-9) unless otherwise specified.

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.