

CHEMINAX100 OHM, AWG 24, 19 STRANDS OF AWG 36, RADIO FREQUENCY,
TWO CONDUCTOR CABLE

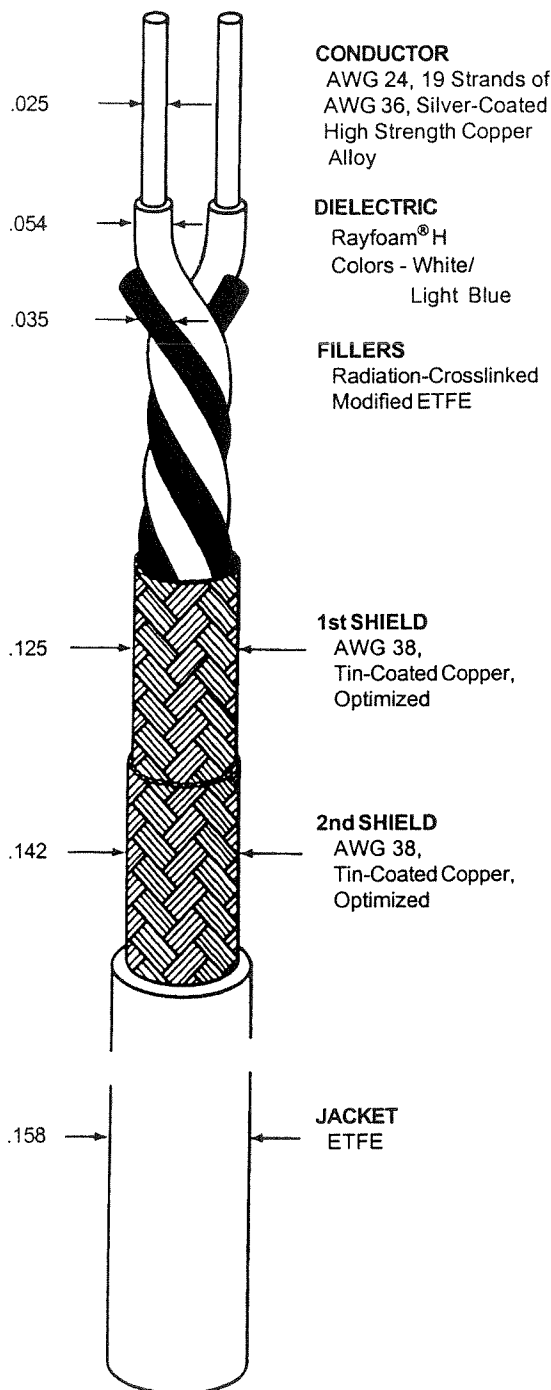
Date: 12-16-99

Revision:

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.

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE	100 ± 7 ohms, Method C at 1 MHz
CAPACITANCE - MUTUAL	13.5 pF/ft. (nominal)
VELOCITY OF PROPAGATION	76% (nominal)
CAPACITANCE UNBALANCE	3% (nominal)
SURFACE TRANSFER IMPEDANCE	100 milliohms/meter (maximum) (Per MIL-C-85485 at 30 MHz)

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)	1000 volts (rms) (minimum)

ENVIRONMENTAL

AGING STABILITY	135°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) for 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)

WEIGHT	24.2 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. 0024H0524-9) unless
otherwise specified.Designate outer jacket color with a dash number in accordance
with MIL-STD-681.**Raychem****Raychem**300 Constitution Drive
Menlo Park, California 94025

1-800-2 Raychem FAX: 1-415-362-6297

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