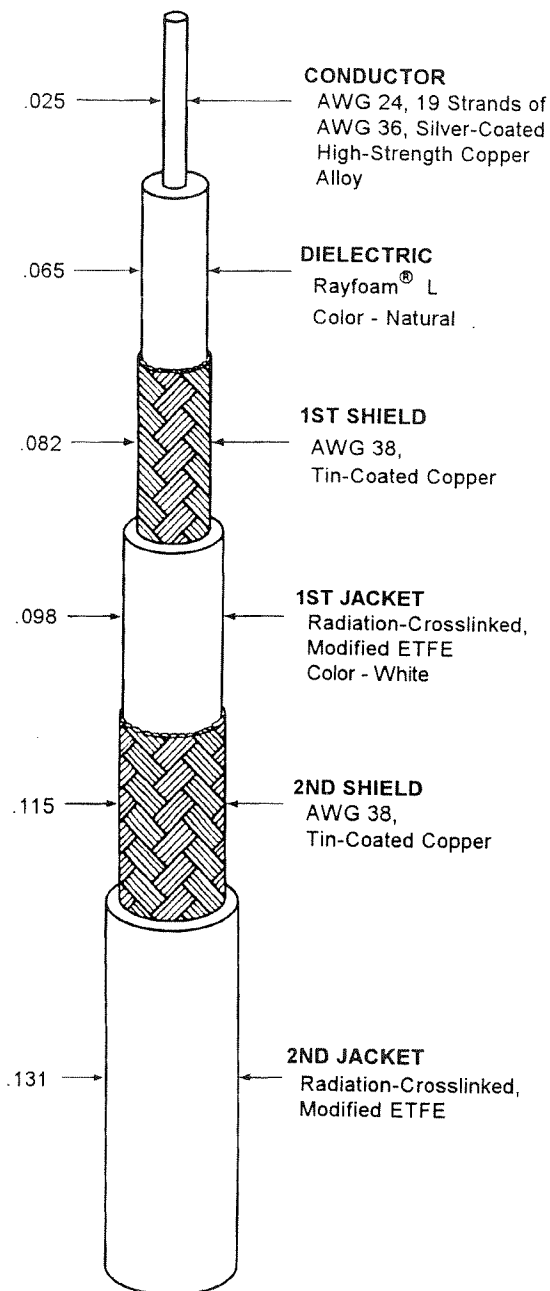


**CHEMINAX**50 OHM, AWG 24, 19 STRANDS OF AWG 36,  
TRIAxIAL CABLEDate: 5-27-97  
Revision: A

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.

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE	50 ± 2 ohms, Method A (For entire test length)
CAPACITANCE	26.7 pF/ft. (nominal) at 1 kHz
VELOCITY OF PROPAGATION	76% (nominal)

**ADDITIONAL REQUIREMENTS****ELECTRICAL**

CONDUCTOR RESISTANCE	26.5 ohms/1000 ft. (nominal)
INSULATION RESISTANCE (CONDUCTOR TO SHIELD)	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)	
CONDUCTOR TO SHIELD	1000 volts (rms) (minimum)
SHIELD TO SHIELD	500 volts (rms) (minimum)

**ENVIRONMENTAL**

AGING STABILITY	135°C/-55°C/3.50 inch mandrel
FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE-	-55°C/3.50 inch mandrel
COLD BEND	
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

**PHYSICAL**

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	1000 lbf/in <sup>2</sup> (minimum)
JACKET (EACH)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	5000 lbf/in <sup>2</sup> (minimum)
JACKET THICKNESS (EACH)	.008 inch (nominal)
SHIELD COVERAGE (EACH)	90% (minimum)

**WEIGHT**

15.8 lbs/1000 ft. (nominal)

Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 5024A5614-9) unless otherwise specified.

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