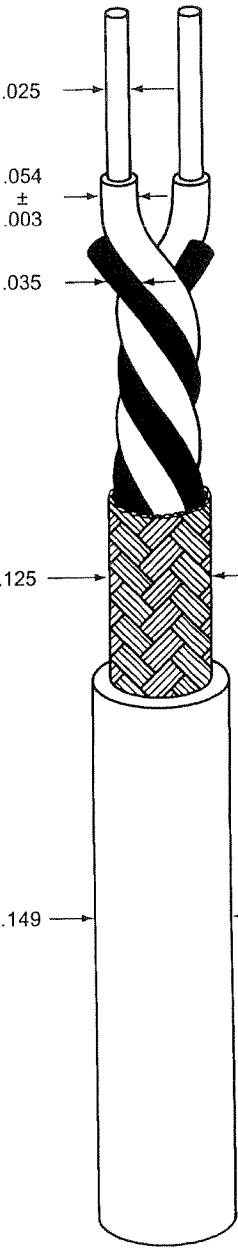


CHEMINAX

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

Date: 11-22-02
Revision:

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.  CONDUCTORS AWG 24, 19 Strands of AWG 36, Silver-Coated High Strength Copper Alloy DIELECTRICS Rayfoam®H Colors - White/ Light Blue FILLERS Radiation-Crosslinked Modified ETFE SHIELD AWG 38, Tin-Coated Copper, Optimized JACKET Modified FEP Laser Markable Dimensions: .025, .054 ± .003, .035, .125, .149	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) IMPULSE TEST 6.0 kV (peak) VOLTAGE WITHSTAND (DIELECTRIC) 1000 volts (rms) (minimum)	
ENVIRONMENTAL FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE- COLD BEND -55°C/3.75 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/in² (minimum) JACKET ELONGATION 200% (minimum) TENSILE STRENGTH 2000 lbf/in² (minimum) JACKET THICKNESS .012 inch (nominal)	
WEIGHT 18.1 lbs/1000 ft. (nominal)	

Outer jacket color will be natural and laser markable (designated by a "N(LM)" appended to the part number, e.g. 0024T0024-N(LM))