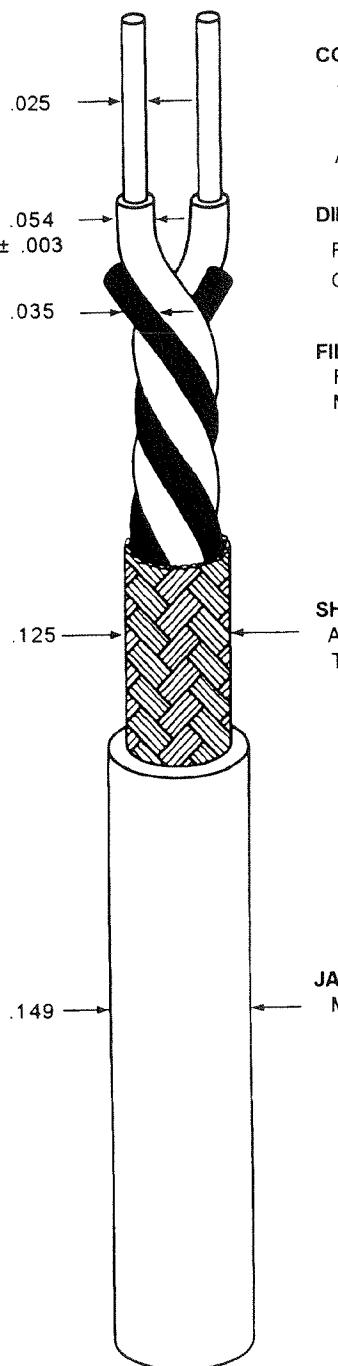


CHEMINAX100 OHM, AWG 24, 19 STRANDS OF AWG 36,
FLEXIBLE, TWIN CONDUCTORDate: 10-1-96
Revision: H

THIS SPECIFICATIONSHEET 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 JACKET Modified FEP	
		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)	
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) LOOP RESISTANCE 60 ohms/1000 ft. (nominal)	
		ENVIRONMENTAL AGING STABILITY 135°/-55°C/4.00 inch mandrel FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE- COLD BEND -55°C/4.00 inch mandrel VOLTAGE WITHSTAND (POST ENVIRONMENTAL) 1000 volts (rms), for 1 minute	
		PHYSICAL INSULATION (DIELECTRIC) (Prior to cabling) 50% (minimum) ELONGATION 600 lbf/in² (minimum) TENSILE STRENGTH JACKET ELONGATION 200% (minimum) TENSILE STRENGTH 2000 lbf/in² (minimum) JACKET THICKNESS .012 inch (nominal) SHIELD COVERAGE 90% (minimum)	
Outer jacket color will be transparent white designated by a "9X" appended to the part number, e.g. 0024A0024-9X unless otherwise specified.		WEIGHT 18.1 lbs/1000 ft. (nominal)	
Designate outer jacket color with a dash number in accordance with MIL-STD-681			

Outer jacket color will be transparent white designated by a "9X" appended to the part number, e.g. 0024A0024-9X unless otherwise specified.

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

Raychem Corporation
300 Constitution Drive
Menlo Park, California 94025
1-800-2 Raychem FAX: 1-415-361-6297

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

Raychem

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[D84263-000](#)