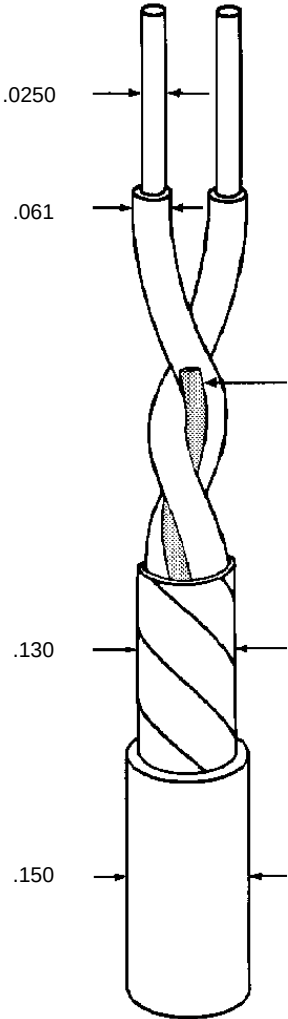


SPECIFICATION CONTROL DRAWING		0024J0024
CHEMINAX	100 OHM, AWG 24, 19 STRANDS OF AWG 36, TWINAXIAL CABLE	Date: 5-25-16 Revision: D
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.  CONDUCTORS AWG 24, 19 Strands of AWG 36, Silver-Coated High- Strength Copper Alloy DIELECTRICS Foamed FEP Colors - Light Blue/White DRAIN WIRE AWG 24, 19 Strands of AWG 36, Silver-Coated High- Strength Copper Alloy WRAP Aluminum PET JACKET Modified FEP		CHARACTERISTIC IMPEDANCE 100 ohms (nominal), Method C at 1 MHz MUTUAL CAPACITANCE 12.5 pF/ft. (nominal) VELOCITY OF PROPAGATION 79% (nominal) ATTENUATION 2.3 dB/100 ft. (nominal) at 10 MHz
		ADDITIONAL REQUIREMENTS
		ELECTRICAL CONDUCTOR RESISTANCE 26.5 ohms/1000 ft. (nominal) (prior to cabling) 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) 1500 volts (rms)
		ENVIRONMENTAL FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/4.25 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute
		PHYSICAL INSULATION (DIELECTRIC) (prior to cabling) ELONGATION 50% (minimum) TENSILE STRENGTH 600 lbf/in ² (minimum) JACKET ELONGATION 200% (minimum) TENSILE STRENGTH 2000 lbf/in ² (minimum) JACKET THICKNESS .010 inch (nominal) WRAP .002 inch thick (nominal), 25% overlap (minimum), Aluminum side facing in
Designate outer jacket color with a dash number in accordance with MIL-STD-681. Unless otherwise specified, outer jacket color will be translucent white designated by a "-9X" appended to the part number, (e.g. 0024J0024-9X). Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 13.1 lbs/1000 ft. (nominal)
		ENGINEERING REFERENCE TEMPERATURE RATING 150°C (maximum)
Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics Corporation also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.		
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