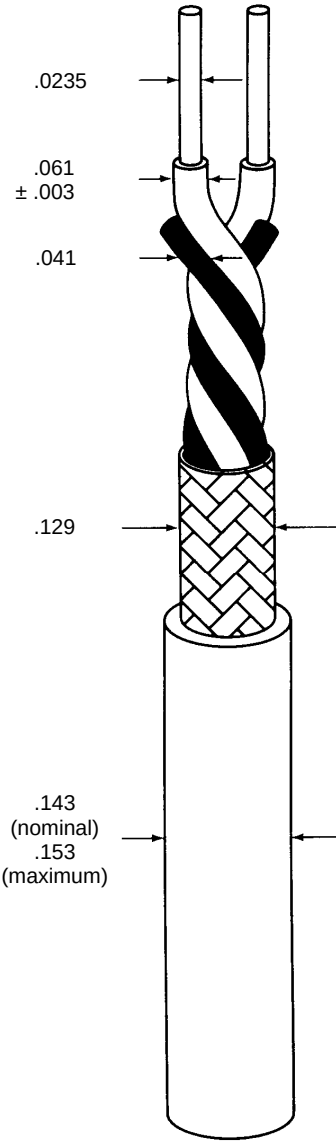


SPECIFICATION CONTROL DRAWING		2024J2424
CHEMINAX	120 OHM, AWG 24, 19 STRANDS OF AWG 36, TWINAXIAL CABLE	Date: 12-19-16 Revision: D
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES 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 FILLERS Radiation-Crosslinked, Modified ETFE SHIELD Flat, .0015 Strand Thickness, Tin-Coated Copper JACKET Modified FEP		CHARACTERISTIC IMPEDANCE 120 ± 12 ohms, Method D at 1 MHz with shield grounded MUTUAL CAPACITANCE 12.7 pF/ft. (nominal) 18.2 pF/ft. (maximum) VELOCITY OF PROPAGATION 77% (nominal)
		ADDITIONAL REQUIREMENTS
		ELECTRICAL CONDUCTOR RESISTANCE (prior to cabling) 27.8 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) 1500 volts (rms) (minimum) ENVIRONMENTAL FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/4.00 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 .007 inch (nominal) SHIELD COVERAGE 92% (minimum)
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. 2024J2424-9X). Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 14.5 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.		
Page 1 of 1	Cheminax, Raychem, TE Connectivity, TE connectivity (logo), and TE (logo) are trademarks.	

