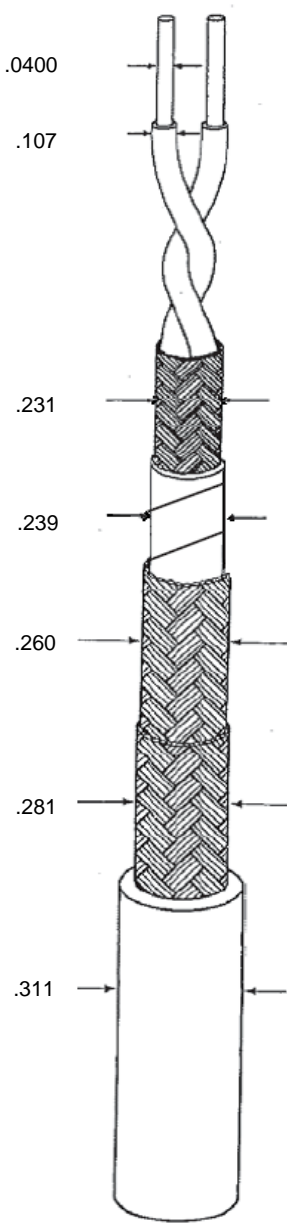


SPECIFICATION CONTROL DRAWING		2020K8421
CHEMINAX	120 OHM, AWG 20, 19 STRANDS OF AWG 32, TWINAXIAL CABLE	Date: 6-1-17 Revision: B
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.  <p>CONDUCTORS AWG 20, 19 Strands of AWG 32, Tin-Coated Copper</p> <p>DIELECTRICS Foamed FEP Colors - Light Blue/White</p> <p>1st SHIELD AWG 38, Tin-Coated Copper</p> <p>WRAP PET</p> <p>2nd SHIELD AWG 36, Tin-Coated Copper</p> <p>3rd SHIELD AWG 36, Tin-Coated Copper</p> <p>JACKET Modified FEP</p>		CHARACTERISTIC IMPEDANCE 120 ± 12 ohms, Method D at 1 MHz with shield grounded MUTUAL CAPACITANCE 12.0 pF/ft. (nominal) VELOCITY OF PROPAGATION 76% (nominal)
		ADDITIONAL REQUIREMENTS
		<p>ELECTRICAL</p> CONDUCTOR RESISTANCE (prior to cabling) 9.53 ohms/1000 ft. (nominal) INSULATION RESISTANCE CONDUCTOR TO SHIELD 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)
		<p>ENVIRONMENTAL</p> FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/9.00 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute
		<p>PHYSICAL</p> 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 .015 inch (nominal) SHIELD COVERAGE 1st SHIELD 90% (minimum) 2nd and 3rd SHIELD 95% (minimum) WRAP .002 inch thick (nominal), 25% overlap (minimum), 40% overlap (nominal)
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. 2020K8421-9X). Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 86.2 lbs/1000 ft. (nominal)
		<p>ENGINEERING REFERENCE</p> TEMPERATURE RATING 150°C (maximum)
Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. TE Connectivity 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, and TE connectivity (logo) are trademarks.	

