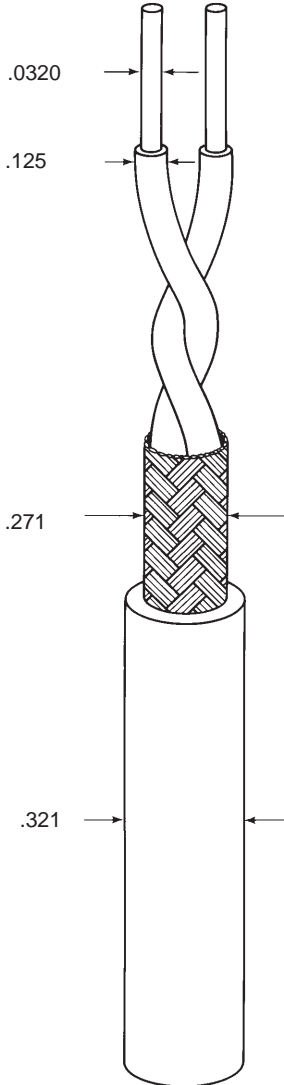


SPECIFICATION CONTROL DRAWING			5022K0311
CHEMINAX	150 OHM, AWG 22, 19 STRANDS OF AWG 34, TWINAXIAL CABLE	Date	1-14-08
		Revision	A
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
<div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> <div><p><b>CONDUCTORS</b> AWG 22, 19 Strands of AWG 34, Tin-Coated Copper</p><p><b>DIELECTRICS</b> Rayfoam L Colors - Tan/White</p><p><b>SHIELD</b> AWG 36, Tin-Coated Copper</p><p><b>JACKET</b> Thermorad F</p></div>		CHARACTERISTIC IMPEDANCE 150 ± 15 ohms, Method C	
		MUTUAL CAPACITANCE 8.8 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION 77% (nominal)	
		ADDITIONAL REQUIREMENTS	
		<u>ELECTRICAL</u>	
		CONDUCTOR RESISTANCE 14.75 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)	
		<u>ENVIRONMENTAL</u>	
		FLAMMABILITY Method C	
		HEAT SHOCK 225°C	
		LOW TEMPERATURE-COLD BEND -55°C/9.00 inch mandrel	
		VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute	
		<u>PHYSICAL</u>	
		INSULATION (DIELECTRIC) (Prior to Cabling)	
		ELONGATION 50% (minimum)	
		TENSILE STRENGTH 1000 lbf/in <sup>2</sup> (minimum)	
		JACKET	
		ELONGATION 100% (minimum)	
		TENSILE STRENGTH 2000 lbf/in <sup>2</sup> (minimum)	
		JACKET THICKNESS .025 inch (nominal)	
		SHIELD COVERAGE 90% (minimum)	
Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 5022K0311-0) unless otherwise specified.			
Designate outer jacket color with a dash number in accordance with MIL-STD-681. Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 37.4 lbs/1000 ft. (nominal)	
Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics 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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THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.