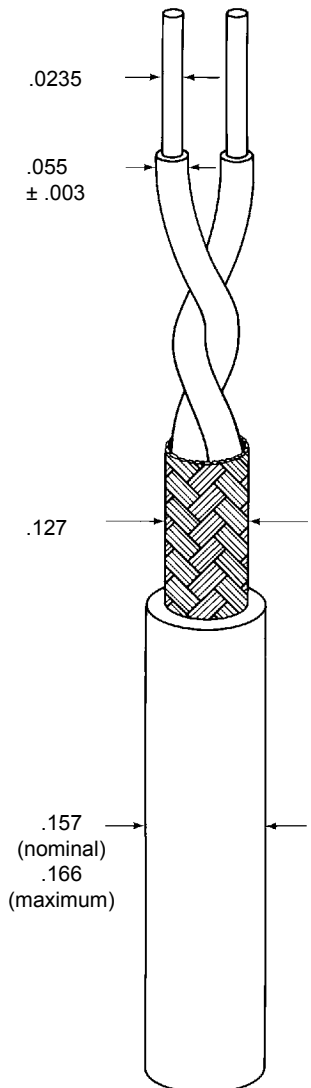


SPECIFICATION CONTROL DRAWING			0024K1811
CHEMINAX	100 OHM, AWG 24, 19 STRANDS OF AWG 36, TWINAXIAL CABLE	Date	6-26-13
		Revision	C
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.  CONDUCTORS AWG 24, 19 Strands of AWG 36, Tin-Coated Copper DIELECTRICS Rayfoam L Colors - Tan/White SHIELD AWG 38, Tin-Coated Copper JACKET Zerohal		CHARACTERISTIC IMPEDANCE 100 ± 10 ohms, Method C at 1 MHz	
		MUTUAL CAPACITANCE 13.5 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION 79% (nominal)	
		ADDITIONAL REQUIREMENTS	
		ELECTRICAL	
		CONDUCTOR RESISTANCE 25.7 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) 1000 volts (rms) (minimum)	
		ENVIRONMENTAL	
		FLAMMABILITY Method B	
		HEAT SHOCK 225°C	
		LOW TEMPERATURE-COLD BEND -30°C/4.25 inch mandrel	
		VOLTAGE WITHSTAND 1000 volts (rms), 1 minute (Post Environmental)	
		PHYSICAL	
		INSULATION (DIELECTRIC) (Prior to Cabling)	
		ELONGATION 50% (minimum)	
		TENSILE STRENGTH 800 lbf/in ² (minimum)	
		JACKET	
		ELONGATION 150% (minimum)	
		TENSILE STRENGTH 1200 lbf/in ² (minimum)	
		JACKET THICKNESS .015 inch (nominal)	
		SHIELD COVERAGE 90% (minimum)	
Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 0024K1811-0) 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 13.0 lbs/1000 ft. (nominal)	
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	Rayfoam, Zerohal, Cheminax, Raychem, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.		



Raychem Wire & Cable
 501 Oaks Avenue
 Redwood City, California 94063-3800
 1-800-227-8816 Fax: 1-650-361-6297

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