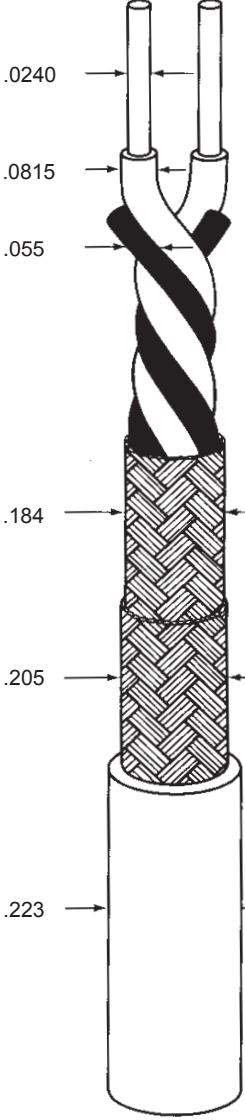


SPECIFICATION CONTROL DRAWING			2424A3631
CHEMINAX	124 OHM, AWG 24, 7 STRANDS OF AWG 32, TWINAXIAL CABLE	Date	8-9-10
		Revision	A
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.  <p>CONDUCTORS AWG 24, 7 strands of AWG 32, Tin-Coated Copper</p> <p>DIELECTRICS Rayolin F Colors - White/Blue</p> <p>FILLERS Radiation Crosslinked, Modified ETFE</p> <p>1ST SHIELD AWG 36, Tin-Coated Copper</p> <p>2ND SHIELD AWG 36, Tin-Coated Copper</p> <p>JACKET Radiation Crosslinked, Modified ETFE</p>		CHARACTERISTIC IMPEDANCE 124 ± 4 ohms, Method C at 1 MHz MUTUAL CAPACITANCE 12.0 pF/ft. (nominal) VELOCITY OF PROPAGATION 66% (nominal)	
		ADDITIONAL REQUIREMENTS	
		ELECTRICAL	
		CONDUCTOR RESISTANCE 26.2 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)	
		ENVIRONMENTAL	
		FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/6.00 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute	
		PHYSICAL	
		INSULATION (DIELECTRIC) (prior to cabling) ELONGATION 200% (minimum) TENSILE STRENGTH 1800 lbf/in ² (minimum) JACKET ELONGATION 50% (minimum) TENSILE STRENGTH 5000 lbf/in ² (minimum) JACKET THICKNESS .009 inch (nominal) SHIELD COVERAGE (each) 90% (minimum)	
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 2424A3631-9) unless otherwise specified.		CABLE IDENTIFICATION: Outer jacket shall be marked in contrasting color at 12 inch (nominal) intervals between marks as follows: " 2424A3631 06090 "	
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 38.2 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.			
Page 1 of 1	The TE logo, Tyco Electronics, Cheminax, Raychem and Rayolin are trademarks.		



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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.

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