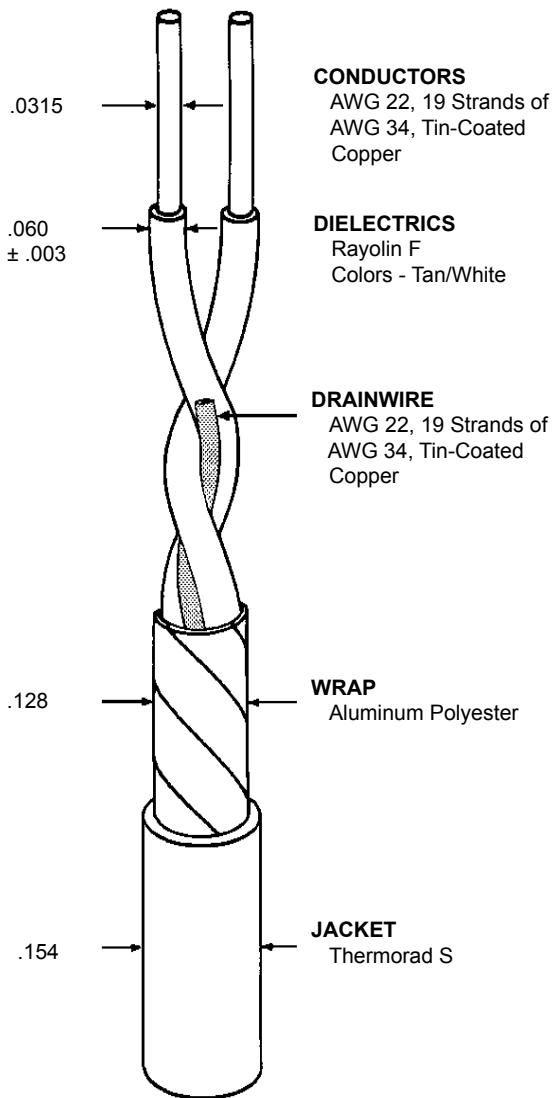


SPECIFICATION CONTROL DRAWING			7522B0331		
CHEMINAX	75 OHM, AWG 22, 19 STRANDS OF AWG 34, TWINAXIAL CABLE	Date	12-7-12		
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.					
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS			
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.					
		CONDUCTORS AWG 22, 19 Strands of AWG 34, Tin-Coated Copper DIELECTRICS Rayolin F Colors - Tan/White DRAINWIRE AWG 22, 19 Strands of AWG 34, Tin-Coated Copper WRAP Aluminum Polyester JACKET Thermorad S			
		CHARACTERISTIC IMPEDANCE 75 ± 7 ohms, Method C at 1 MHz MUTUAL CAPACITANCE 30.0 pF/ft. (nominal) VELOCITY OF PROPAGATION 66% (nominal)			
ADDITIONAL REQUIREMENTS					
ELECTRICAL					
		CONDUCTOR RESISTANCE 15.5 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 C HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/4.25 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute			
PHYSICAL					
		INSULATION (DIELECTRIC) (Prior to Cabling) ELONGATION TENSILE STRENGTH JACKET ELONGATION TENSILE STRENGTH JACKET THICKNESS WRAP WEIGHT			
		200% (minimum) 1800 lbf/in ² (minimum) 200% (minimum) 2000 lbf/in ² (minimum) .013 inch (nominal) .002 inch thick (nominal) 25% minimum overlap Aluminum side facing out 14.4 lbs/1000 ft. (nominal)			
Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 7522B0331-0) 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.					
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	Rayolin, Thermorad, Cheminax, Raychem, TE Connectivity, TE connectivity (logo) and TE (logo) 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.

Mouser Electronics

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