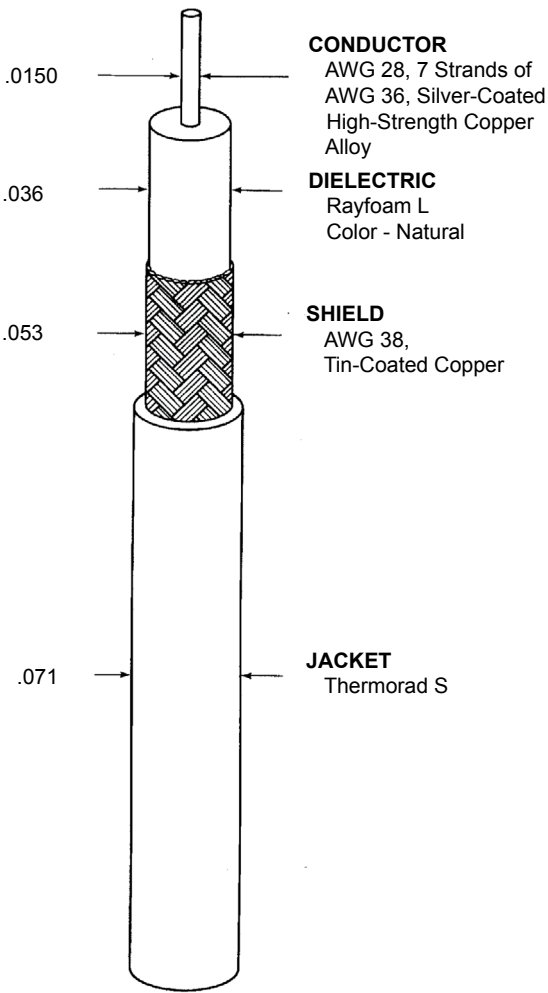


SPECIFICATION CONTROL DRAWING			5028A1314
CHEMINAX	50 OHM, AWG 28, 7 STRANDS OF AWG 36, COAXIAL CABLE	Date	3-19-13
		Revision	B
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.  CONDUCTOR AWG 28, 7 Strands of AWG 36, Silver-Coated High-Strength Copper Alloy DIELECTRIC Rayfoam L Color - Natural SHIELD AWG 38, Tin-Coated Copper JACKET Thermorad S		CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A	
		CAPACITANCE 27.5 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION 74% (nominal)	
		ADDITIONAL REQUIREMENTS	
		<u>ELECTRICAL</u>	
CONDUCTOR RESISTANCE 74.0 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/2.00 inch mandrel			
VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute			
<u>PHYSICAL</u>			
INSULATION (DIELECTRIC)			
ELONGATION 50% (minimum)			
TENSILE STRENGTH 1000 lbf/in ² (minimum)			
JACKET			
ELONGATION 200% (minimum)			
TENSILE STRENGTH 2000 lbf/in ² (minimum)			
JACKET THICKNESS .007 inch (minimum) .009 inch (nominal)			
SHIELD COVERAGE 90% (minimum)			
WEIGHT 4.2 lbs/1000 ft. (nominal)			
Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 5028A1314-0) 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	Rayfoam, 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.