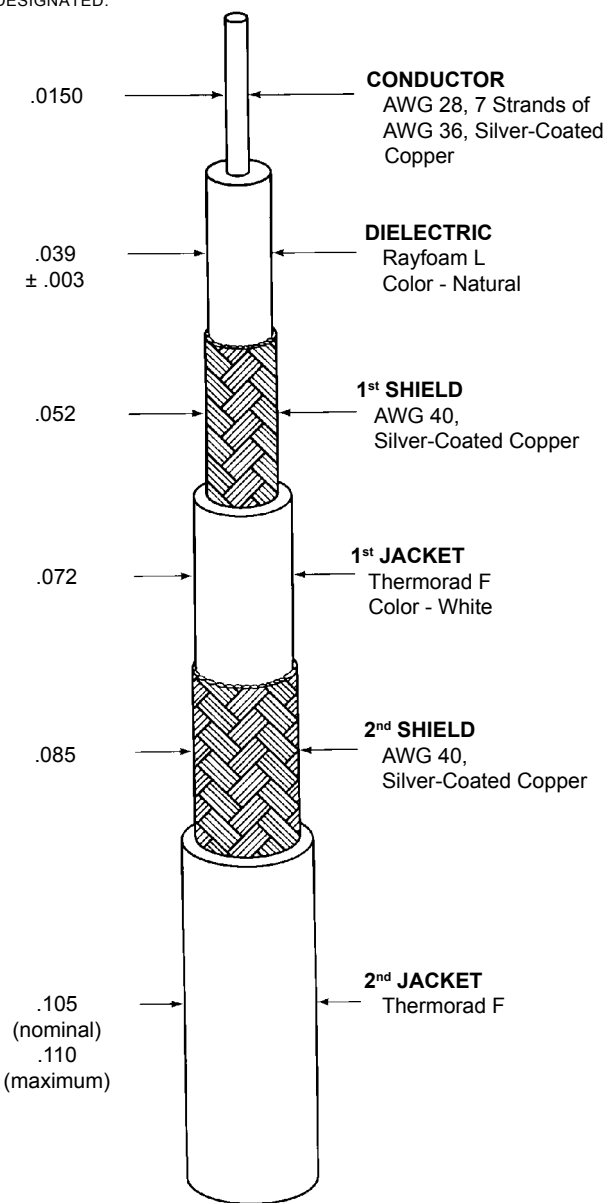


SPECIFICATION CONTROL DRAWING			5028D5312	
CHEMINAX	50 OHM, AWG 28, 7 STRANDS OF AWG 36, TRIAXIAL CABLE	Date	7-15-13	
		Revision	E	
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.				
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS		
<div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> 		CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A		
		CAPACITANCE 27.8 pF/ft. (nominal) 28.3 pF/ft. (maximum)		
		VELOCITY OF PROPAGATION 73% (nominal)		
		ATTENUATION 92.0 dB/100 ft. (maximum) at 4 GHz		
ADDITIONAL REQUIREMENTS				
		<u>ELECTRICAL</u>		
		CONDUCTOR RESISTANCE 62.0 ohms/1000 ft. (nominal)		
		INSULATION RESISTANCE 10,000 megohms (minimum) CONDUCTOR TO SHIELD for 1000 ft.		
		JACKET FLAWS		
		SPARK TEST 1.0 kV (rms)		
		IMPULSE TEST 6.0 kV (peak)		
		VOLTAGE WITHSTAND		
		CONDUCTOR TO SHIELD 750 volts (rms) (minimum)		
		SHIELD TO SHIELD 500 volts (rms) (minimum)		
		<u>ENVIRONMENTAL</u>		
		FLAMMABILITY Method C		
		HEAT SHOCK 225°C		
		LOW TEMPERATURE-COLD BEND -55°C/3.00 inch mandrel		
		VOLTAGE WITHSTAND 1000 volts (rms), 1 minute (Post Environmental)		
		<u>PHYSICAL</u>		
		INSULATION (DIELECTRIC)		
		ELONGATION 50% (minimum)		
		TENSILE STRENGTH 1000 lbf/in <sup>2</sup> (minimum)		
		JACKET (EACH)		
		ELONGATION 100% (minimum)		
		TENSILE STRENGTH 2000 lbf/in <sup>2</sup> (minimum)		
		JACKET THICKNESS (EACH)		
		.008 inch (minimum)		
		.010 inch (nominal)		
		SHIELD COVERAGE (EACH) 90% (minimum)		
Outer jacket color will be white (designated by a "-9") appended to the part number, e.g. 5028D5312-9) 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 8.8 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, 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.