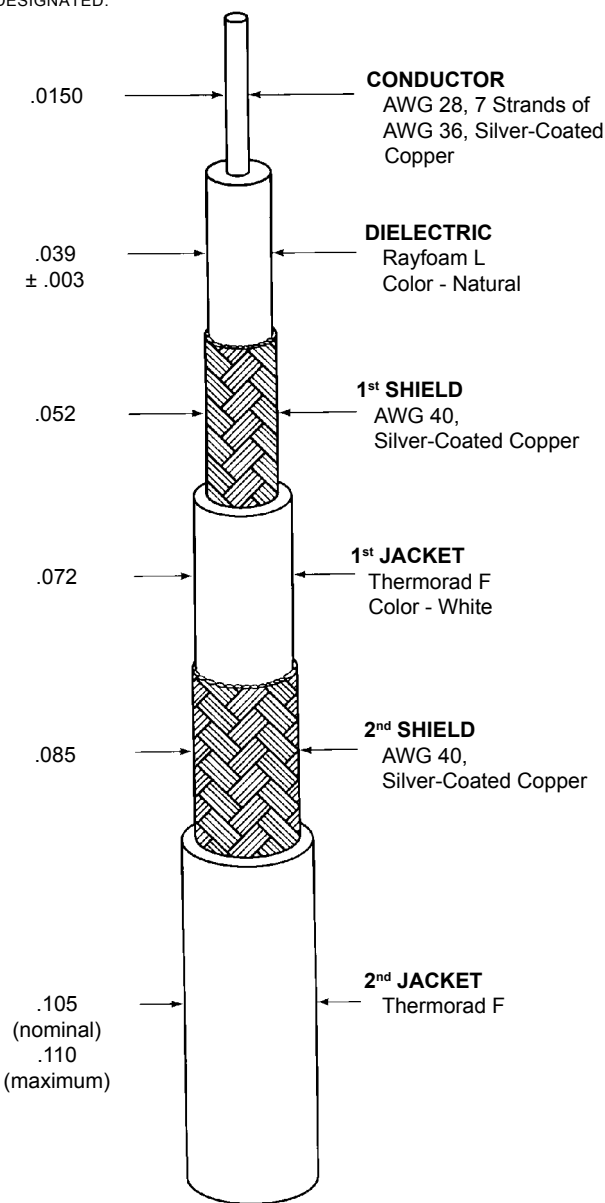


SPECIFICATION CONTROL DRAWING			5028D5312	
CHEMINAX	50 OHM, AWG 28, 7 STRANDS OF AWG 36, TRIAXIAL CABLE	Date	7-15-13	
		Revision	E	
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.				
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS		
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED. 		CHARACTERISTIC IMPEDANCE50 ± 2 ohms, Method A		
		CAPACITANCE27.8 pF/ft. (nominal) 28.3 pF/ft. (maximum)		
		VELOCITY OF PROPAGATION73% (nominal)		
		ATTENUATION92.0 dB/100 ft. (maximum) at 4 GHz		
ADDITIONAL REQUIREMENTS				
<u>ELECTRICAL</u>				
CONDUCTOR RESISTANCE62.0 ohms/1000 ft. (nominal)				
INSULATION RESISTANCE10,000 megohms (minimum) CONDUCTOR TO SHIELDfor 1000 ft.				
JACKET FLAWS				
SPARK TEST1.0 kV (rms)				
IMPULSE TEST6.0 kV (peak)				
VOLTAGE WITHSTAND				
CONDUCTOR TO SHIELD750 volts (rms) (minimum)				
SHIELD TO SHIELD500 volts (rms) (minimum)				
<u>ENVIRONMENTAL</u>				
FLAMMABILITYMethod C				
HEAT SHOCK225°C				
LOW TEMPERATURE-COLD BEND-55°C/3.00 inch mandrel				
VOLTAGE WITHSTAND1000 volts (rms), 1 minute (Post Environmental)				
<u>PHYSICAL</u>				
INSULATION (DIELECTRIC)				
ELONGATION50% (minimum)				
TENSILE STRENGTH1000 lbf/in ² (minimum)				
JACKET (EACH)				
ELONGATION100% (minimum)				
TENSILE STRENGTH2000 lbf/in ² (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.		WEIGHT8.8 lbs/1000 ft. (nominal)		
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.			



Raychem Wire & Cable
 501 Oakside 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.