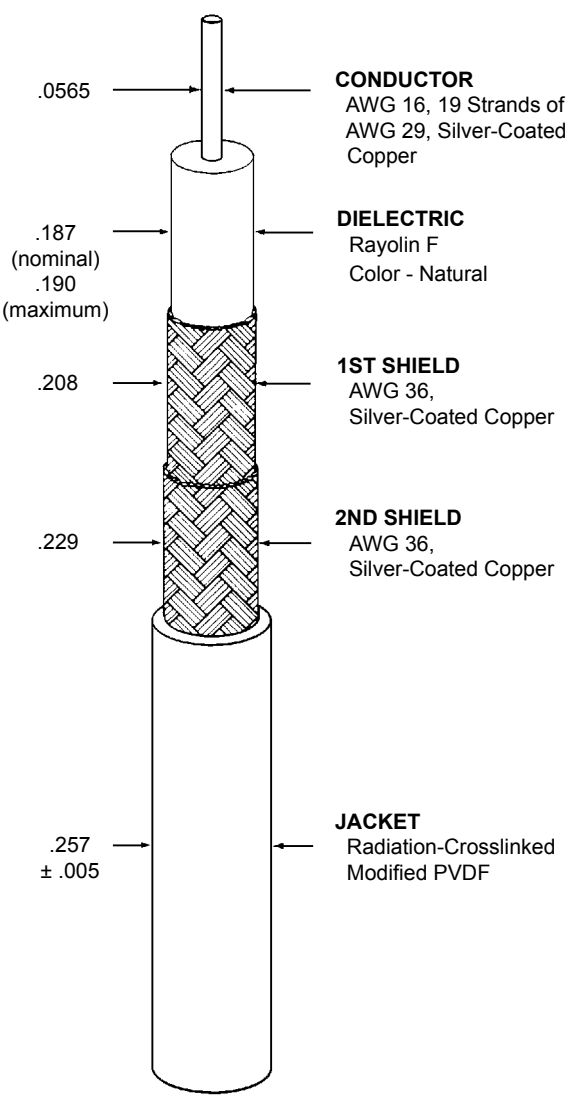


SPECIFICATION CONTROL DRAWING			5016D3132
CHEMINAX	50 OHM, AWG 16, 19 STRANDS OF AWG 29, COAXIAL CABLE	Date	3-5-13
		Revision	C
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED. 		CHARACTERISTIC IMPEDANCE50 ± 2 ohms, Method A CAPACITANCE31.0 pF/ft. (nominal) VELOCITY OF PROPAGATION66% (nominal) ATTENUATION7.0 dB/100 ft. (maximum) at 400 MHz	
		ADDITIONAL REQUIREMENTS	
		<u>ELECTRICAL</u> CONDUCTOR RESISTANCE4.41 ohms/1000 ft. (nominal) INSULATION RESISTANCE10,000 megohms (minimum) for 1000 ft. JACKET FLAWS SPARK TEST1.0 kV (rms) IMPULSE TEST6.0 kV (peak) VOLTAGE WITHSTAND (DIELECTRIC)1000 volts (rms) (minimum)	
		<u>ENVIRONMENTAL</u> FLAMMABILITYMethod B HEAT SHOCK225°C LOW TEMPERATURE-COLD BEND-55°C/7.00 inch mandrel VOLTAGE WITHSTAND (Post Environmental)1000 volts (rms) , 1 minute	
		<u>PHYSICAL</u> INSULATION (DIELECTRIC) ELONGATION200% (minimum) TENSILE STRENGTH1800 lbf/in² (minimum) JACKET ELONGATION200% (minimum) TENSILE STRENGTH4000 lbf/in² (minimum) JACKET THICKNESS.014 inch (nominal) SHIELD COVERAGE (EACH)90% (minimum)	
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 5016D3132-9) 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.			
		WEIGHT55.1 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	Rayolin, 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.

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