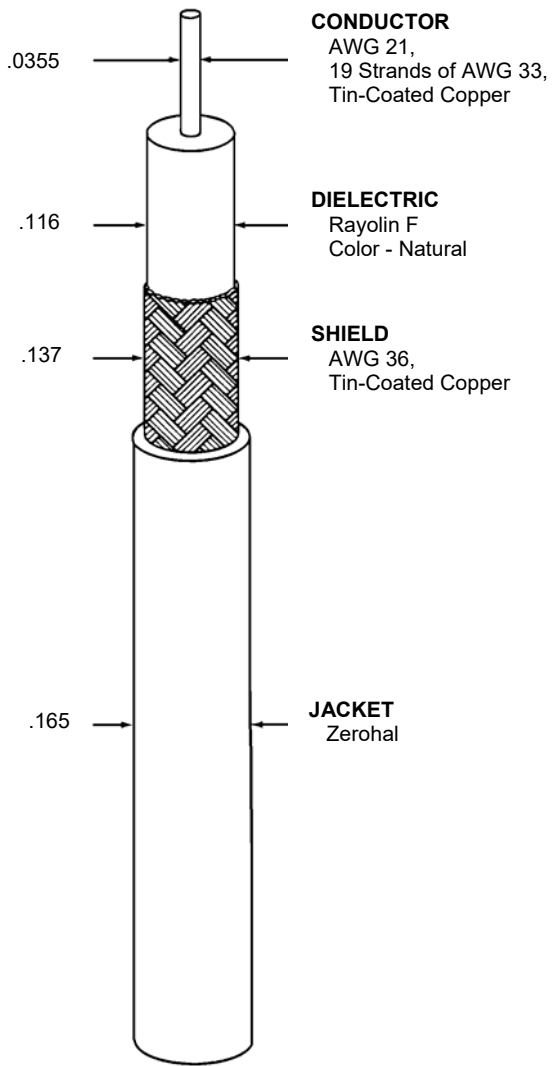


SPECIFICATION CONTROL DRAWING		5021D1831
<b>CHEMINAX</b>	50 OHM, AWG 21, 19 STRANDS OF AWG 33, COAXIAL CABLE	Date: 10-15-19 Revision: D
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED. 		CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A CAPACITANCE 30.8 pF/ft. (nominal) VELOCITY OF PROPAGATION 66% (nominal)
		ADDITIONAL REQUIREMENTS
		<b><u>ELECTRICAL</u></b> CONDUCTOR RESISTANCE 11.7 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)
		<b><u>ENVIRONMENTAL</u></b> FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -30°C/4.50 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute
		<b><u>PHYSICAL</u></b> INSULATION (DIELECTRIC) ELONGATION 200% (minimum) TENSILE STRENGTH 1800 lbf/in <sup>2</sup> (minimum) JACKET ELONGATION 150% (minimum) TENSILE STRENGTH 1200 lbf/in <sup>2</sup> (minimum) JACKET THICKNESS .014 inch (nominal) SHIELD COVERAGE 90% (minimum)
Outer jacket color will be black designated by a "-0" in accordance with MIL-STD-681 appended to the part number, e.g. 5021D1831-0.  Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 20.3 lbs/1000 ft. (nominal)
		<b><u>ENGINEERING REFERENCE</u></b> TEMPERATURE RATING 105°C (maximum)
Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. TE Connectivity 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, Zerohal, Cheminax, Raychem, TE Connectivity, and TE connectivity (logo) are trademarks.	



Raychem Wire & Cable  
 501 Oakside Avenue  
 Redwood City, California 94063-3800  
 Phone: 1-800-522-6752

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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