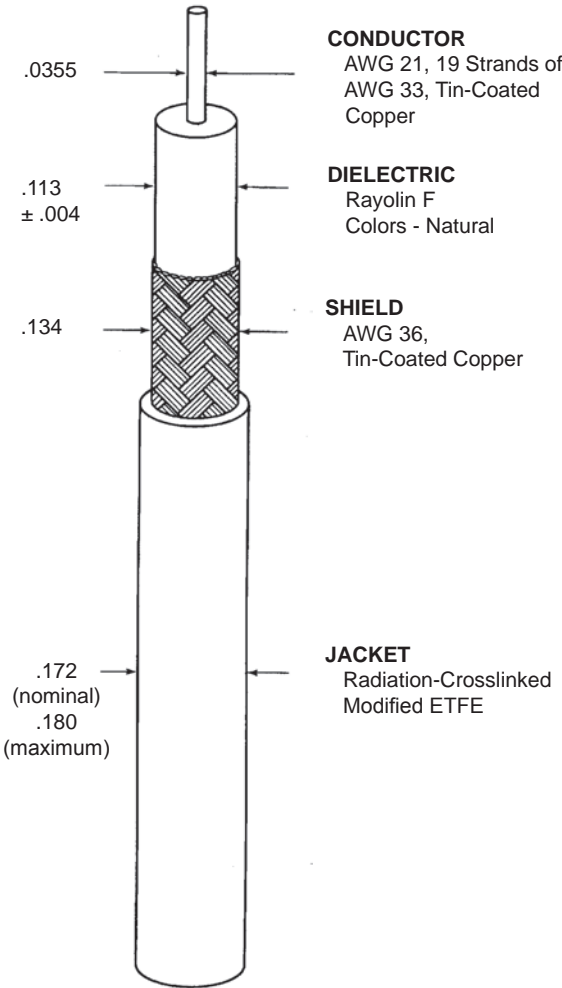


SPECIFICATION CONTROL DRAWING			5021F1631
CHEMINAX	50 OHM, AWG 21, 19 STRANDS OF AWG 33, COAXIAL CABLE	Date	4-30-09
		Revision	A
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
<div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> 		CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A	
		CAPACITANCE 30.7 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION 66% (nominal)	
		ADDITIONAL REQUIREMENTS	
		ELECTRICAL	
		CONDUCTOR RESISTANCE 12.1 ohms/1000 ft. (maximum)	
		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) 5000 volts (rms) (minimum)			
ENVIRONMENTAL			
FLAMMABILITY Method B			
HEAT SHOCK 225°C			
LOW TEMPERATURE-COLD BEND -55°C/4.50 inch mandrel			
VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute			
PHYSICAL			
INSULATION (DIELECTRIC)			
ELONGATION 200% (minimum)			
TENSILE STRENGTH 1800 lbf/in ² (minimum)			
JACKET			
ELONGATION 50% (minimum)			
TENSILE STRENGTH 5000 lbf/in ² (minimum)			
JACKET THICKNESS .019 inch (nominal)			
SHIELD COVERAGE 90% (minimum)			
WEIGHT 22.1 lbs/1000 ft. (nominal)			
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 5021F1631-9) 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.			
Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.			
The TE logo, Tyco Electronics, Cheminax, Raychem, and Rayolin 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.