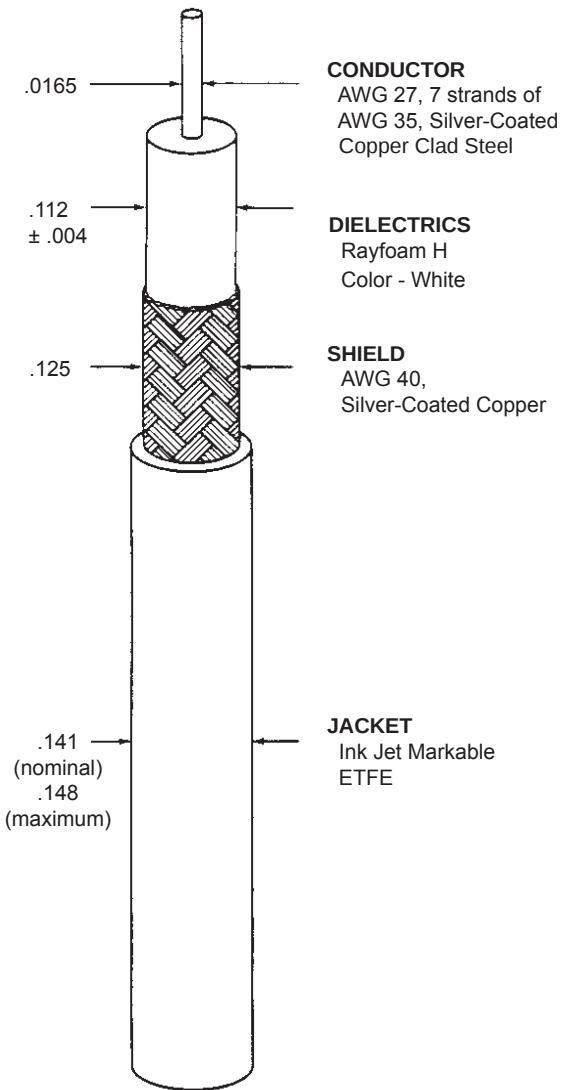


SPECIFICATION CONTROL DRAWING			9527J1528
CHEMINAX	95 OHM, AWG 27, 7 STRANDS OF AWG 35, COAXIAL CABLE	Date	7-11-07
		Revision	D
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED. 		CHARACTERISTIC IMPEDANCE	95 ± 5 ohms, Method B
		CAPACITANCE	13.5 pF/ft. (nominal) 15.0 pF/ft. (maximum)
		VELOCITY OF PROPAGATION	78% (nominal)
		ADDITIONAL REQUIREMENTS	
		ELECTRICAL	
		CONDUCTOR RESISTANCE	121.0 ohms/1000 ft. (nominal)
		INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
		JACKET FLAWS	1.0 kV (rms)
		SPARK TEST	6.0 kV (peak)
		IMPULSE TEST	
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)		
ENVIRONMENTAL			
FLAMMABILITY	Method B		
LOW TEMPERATURE-COLD BEND	-55°C/4.00 inch mandrel		
VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms) (minimum)		
PHYSICAL			
INSULATION (DIELECTRIC)			
ELONGATION	50% (minimum)		
TENSILE STRENGTH	600 lbf/in ² (minimum)		
JACKET			
ELONGATION	150% (minimum)		
TENSILE STRENGTH	5000 lbf/in ² (minimum)		
JACKET THICKNESS	.008 inch (nominal)		
SHIELD COVERAGE	90% (minimum)		
WEIGHT		13.1 lbs/1000 ft. (nominal)	
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 9527J1528-9) 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.			
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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.