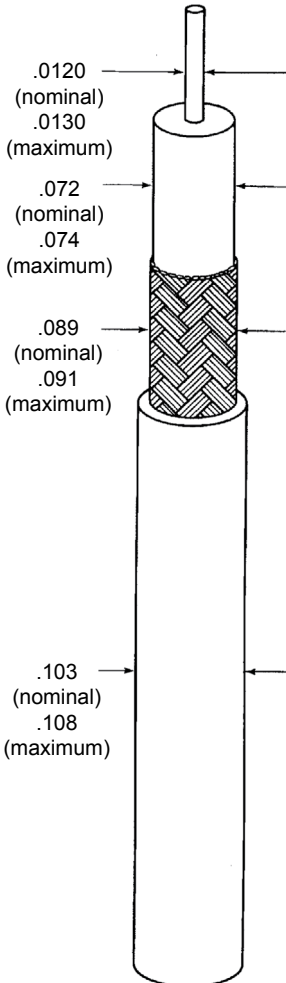


SPECIFICATION CONTROL DRAWING			9530H1014	
CHEMINAX	95 OHM, AWG 30, 7 STARND5 OF AWG 38, COAXIAL CABLE	Date	3-22-13	
		Revision	H	
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.				
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS		
<div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> <div></div> <div><div>CONDUCTOR</div><div>AWG 30, 7 Strands of AWG 38, Silver-Coated High-Strength Copper Alloy</div></div> <div><div>DIELECTRIC</div><div>Rayfoam H Color - White</div></div> <div><div>SHIELD</div><div>AWG 38, Silver-Coated Copper</div></div> <div><div>JACKET</div><div>Modified FEP</div></div>		CHARACTERISTIC IMPEDANCE95 ± 5 ohms, Method B		
		CAPACITANCE13.5 pF/ft. (nominal) 14.6 pF/ft. (maximum)		
		VELOCITY OF PROPAGATION80% (nominal)		
		ADDITIONAL REQUIREMENTS		
		ELECTRICAL		
		CONDUCTOR RESISTANCE118. ohms/1000 ft. (maximum)		
		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)				
ENVIRONMENTAL				
FLAMMABILITYMethod B				
HEAT SHOCK225°C				
LOW TEMPERATURE-COLD BEND-55°C/2.75 inch mandrel				
VOLTAGE WITHSTAND (Post Environmental)1000 volts (rms), 1 minute				
PHYSICAL				
INSULATION (DIELECTRIC)				
ELONGATION50% (minimum)				
TENSILE STRENGTH600 lbf/in² (minimum)				
JACKET				
ELONGATION150% (minimum)				
TENSILE STRENGTH1000 lbf/in² (minimum)				
JACKET THICKNESS.006 inch (minimum) .009 inch (maximum)				
SHIELD COVERAGE90% (minimum)				
WEIGHT9.0 lbs/1000 ft. (maximum)				
Outer jacket color will be translucent white (designated by a “-9X” appended to the part number, e.g. 9530H1014-9X) 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 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 1Rayfoam, Cheminax, Raychem, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.				



Raychem Wire & Cable  
501 Oaks 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.

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