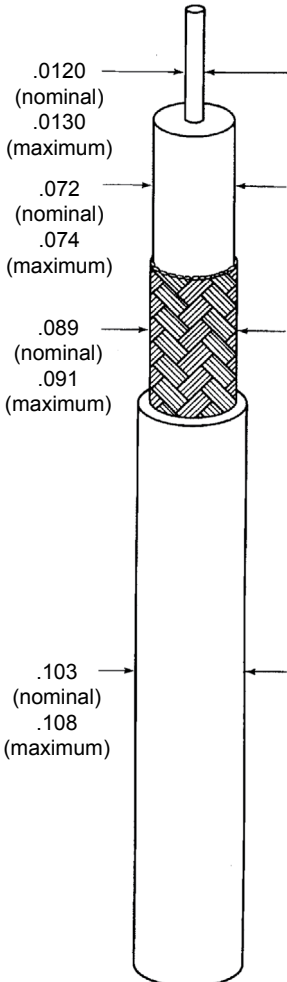


SPECIFICATION CONTROL DRAWING			9530H1014
CHEMINAX	95 OHM, AWG 30, 7 STARND5 OF AWG 38, COAXIAL CABLE	Date	3-22-13
		Revision	H
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.  CONDUCTOR AWG 30, 7 Strands of AWG 38, Silver-Coated High-Strength Copper Alloy DIELECTRIC Rayfoam H Color - White SHIELD AWG 38, Silver-Coated Copper JACKET Modified FEP		CHARACTERISTIC IMPEDANCE 95 ± 5 ohms, Method B	
		CAPACITANCE 13.5 pF/ft. (nominal) 14.6 pF/ft. (maximum)	
		VELOCITY OF PROPAGATION 80% (nominal)	
		ADDITIONAL REQUIREMENTS	
		ELECTRICAL	
		CONDUCTOR RESISTANCE	118. 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)	1000 volts (rms) (minimum)
		ENVIRONMENTAL	
		FLAMMABILITY	Method B
		HEAT SHOCK	225°C
		LOW TEMPERATURE-COLD BEND	-55°C/2.75 inch mandrel
		VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms), 1 minute
		PHYSICAL	
		INSULATION (DIELECTRIC) ELONGATION	50% (minimum)
		TENSILE STRENGTH	600 lbf/in ² (minimum)
		JACKET ELONGATION	150% (minimum)
		TENSILE STRENGTH	1000 lbf/in ² (minimum)
		JACKET THICKNESS	.006 inch (minimum) .009 inch (maximum)
		SHIELD COVERAGE	90% (minimum)
		WEIGHT	9.0 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 1	Rayfoam, 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.