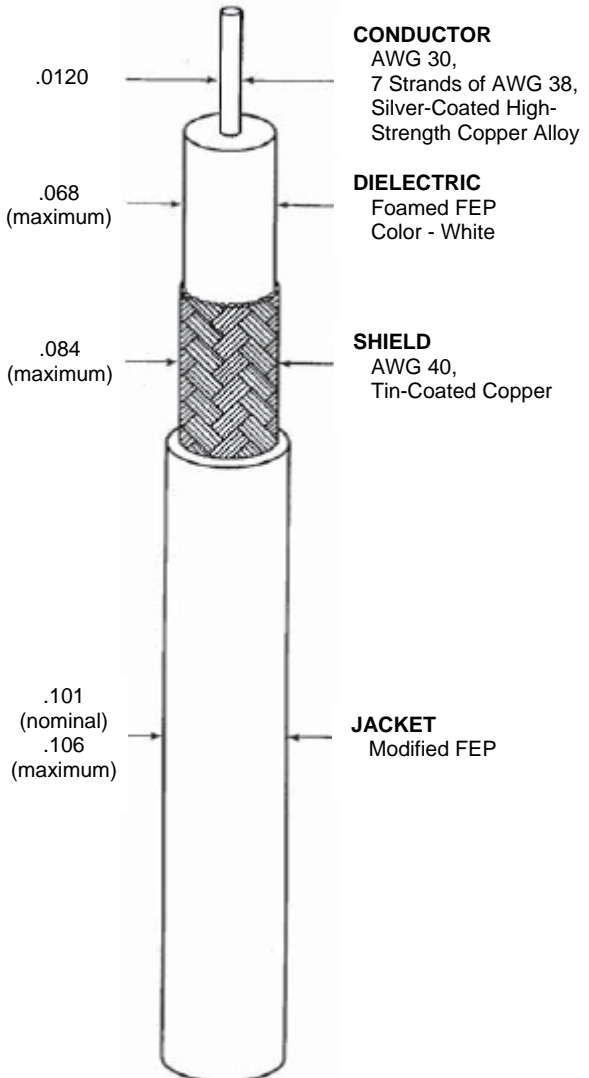


SPECIFICATION CONTROL DRAWING		9530J1424
CHEMINAX	95 OHM, AWG 30, 7 STRANDS OF AWG 38, COAXIAL CABLE	Date: 6-2-14 Revision: C
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.  <p>CONDUCTOR AWG 30, 7 Strands of AWG 38, Silver-Coated High- Strength Copper Alloy</p> <p>DIELECTRIC Foamed FEP Color - White</p> <p>SHIELD AWG 40, Tin-Coated Copper</p> <p>JACKET Modified FEP</p>		CHARACTERISTIC IMPEDANCE 95 ± 10 ohms, Method B CAPACITANCE 13.1 pF/ft. (nominal) 15.0 pF/ft. (maximum) VELOCITY OF PROPAGATION 83% (nominal)
		ADDITIONAL REQUIREMENTS
		<p>ELECTRICAL</p> CONDUCTOR RESISTANCE 116. 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) 1500 volts (rms)
		<p>ENVIRONMENTAL</p> 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
		<p>PHYSICAL</p> INSULATION (DIELECTRIC) ELONGATION 50% (minimum) TENSILE STRENGTH 600 lbf/in ² (minimum) JACKET ELONGATION 200% (minimum) TENSILE STRENGTH 2000 lbf/in ² (minimum) JACKET THICKNESS .010 inch (nominal) SHIELD COVERAGE 90% (minimum)
Designate outer jacket color with a dash number in accordance with MIL-STD-681. Unless otherwise specified, outer jacket color will be translucent white designated by a "-9X" appended to the part number, (e.g. 9530J1424-9X). Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 7.6 lbs/1000 ft. (nominal)
		<p>ENGINEERING REFERENCE</p> TEMPERATURE RATING 150°C (maximum)
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	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.

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