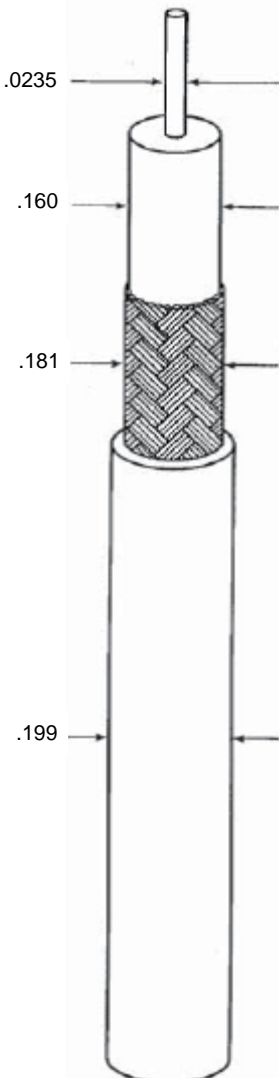


SPECIFICATION CONTROL DRAWING		9524S1614
CHEMINAX	95 OHM, AWG 24, 19 STRANDS OF AWG 36, COAXIAL CABLE, OUTER SPACE USE	Date: 6-13-14 Revision: A
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.  <div style="display: flex; flex-direction: column; align-items: flex-end; margin-left: 10px;"> <div> CONDUCTOR AWG 24, 19 Strands of AWG 36, Silver-Coated High-Strength Copper Alloy </div> <div> DIELECTRIC Radiation-Crosslinked, Foamed Polyethylene Color - Natural </div> <div> SHIELD AWG 36, Silver-Coated Copper </div> <div> JACKET Radiation-Crosslinked, Modified ETFE </div> </div>		CHARACTERISTIC IMPEDANCE 95 ± 5 ohms, Method B CAPACITANCE 13.5 pF/ft. (nominal) VELOCITY OF PROPAGATION 79% (nominal)
		ADDITIONAL REQUIREMENTS
		ELECTRICAL CONDUCTOR RESISTANCE 27.8 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) ENVIRONMENTAL FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/5.50 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute PHYSICAL INSULATION (DIELECTRIC) ELONGATION 50% (minimum) TENSILE STRENGTH 800 lbf/in ² (minimum) JACKET ELONGATION 50% (minimum) TENSILE STRENGTH 5000 lbf/in ² (minimum) JACKET THICKNESS .009 inch (nominal) SHIELD COVERAGE 90% (minimum) WEIGHT 20.8 lbs/1000 ft. (nominal) OUTER SPACE REQUIREMENTS RADIATION RESISTANCE 500 megarads/6.00 inch mandrel, 1.0 kV dielectric test VACUUM STABILITY TOTAL MASS LOSS (TML) 1.00% (maximum) VOLATILE CONDENSABLE MATERIAL (VCM) 0.10% (maximum)
Designate outer jacket color with a dash number in accordance with MIL-STD-681. Unless otherwise specified, outer jacket color will be white designated by a "-9" appended to the part number, (e.g. 9524S1614-9). Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		ENGINEERING REFERENCE TEMPERATURE RATING 115°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.		
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