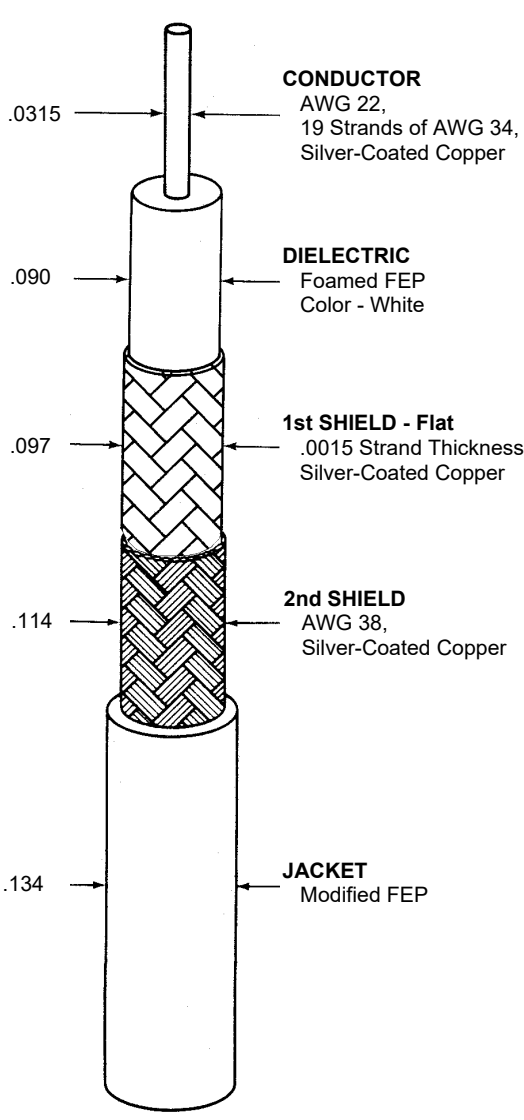


SPECIFICATION CONTROL DRAWING		5022A4422
CHEMINAX	50 OHM, AWG 22, 19 STRANDS OF AWG 34, COAXIAL CABLE	Date: 4-5-19 Revision: C
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED. 		CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A CAPACITANCE 26.7 pF/ft. (nominal) VELOCITY OF PROPAGATION 76% (nominal) ATTENUATION 2.0 dB/100 ft. (nominal) at 10 MHz 10.0 dB/100 ft. (nominal) at 400 MHz 17.0 dB/100 ft. (nominal) at 1 GHz
		ADDITIONAL REQUIREMENTS
		ELECTRICAL CONDUCTOR RESISTANCE 14.4 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) 1000 volts (rms) (minimum) ENVIRONMENTAL FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/3.75 inch mandrel UV LASER MARK CONTRAST For 5022A4422-9LM only: FULL MASK LASER 67% (minimum) DOT MATRIX LASER 60% (minimum) VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute PHYSICAL 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 (each) 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. 5022A4422-9X. A white laser markable outer jacket will be designated by a "-9LM" appended to the part number, e.g. 5022A4422-9LM. Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 18.1 lbs/1000 ft. (nominal)
		ENGINEERING REFERENCE TEMPERATURE RATING 200°C (maximum)
Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. TE Connectivity also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.		