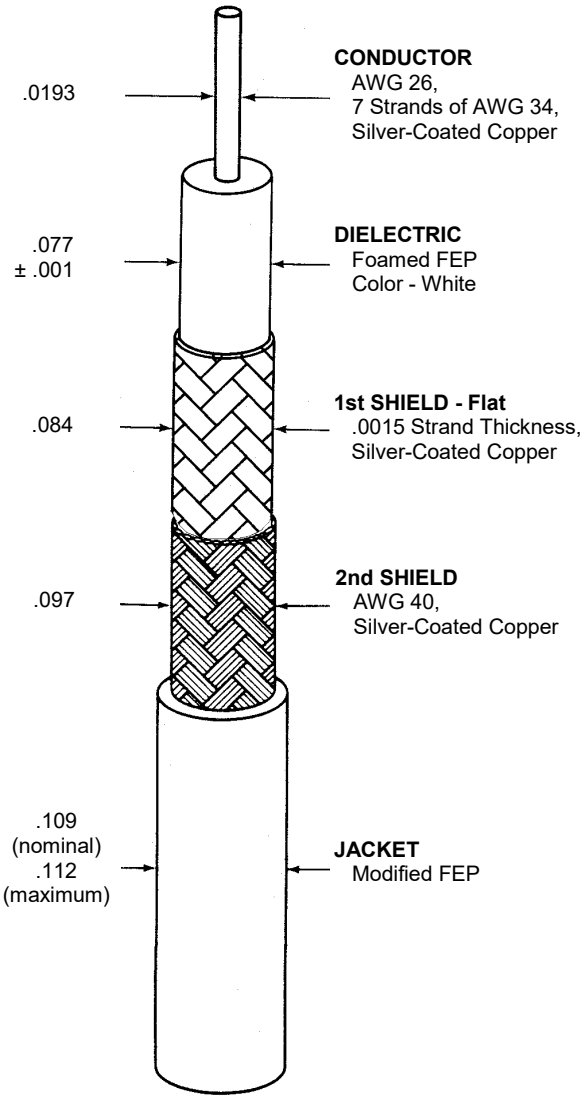


SPECIFICATION CONTROL DRAWING		7526M4422
CHEMINAX	75 OHM, AWG 26, 7 STRANDS OF AWG 34, COAXIAL CABLE	Date: 03-20-20 Revision: A
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED. 		CHARACTERISTIC IMPEDANCE 75 ± 3 ohms, Method B CAPACITANCE 16.1 pF/ft. (nominal) VELOCITY OF PROPAGATION 84% (nominal) ATTENUATION .64 dB/100 ft. (nominal) at 1 MHz 1.1 dB/100 ft. (nominal) at 3.5 MHz 1.8 dB/100 ft. (nominal) at 10 MHz 5.8 dB/100 ft. (nominal) at 100 MHz 11.9 dB/100 ft. (nominal) at 400 MHz 24.2 dB/100 ft. (nominal) at 1.45 GHz 37.4 dB/100 ft. (nominal) at 3 GHz
		ADDITIONAL REQUIREMENTS
		<u>ELECTRICAL</u> CONDUCTOR RESISTANCE 37.6 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)
		<u>ENVIRONMENTAL</u> FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/3.00 inch mandrel UV LASER MARK CONTRAST For 7526M4422-9LM only: FULL MASK LASER 67% (minimum) DOT MATRIX LASER 60% (minimum) VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute
		<u>PHYSICAL</u> 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 .006 inch (nominal) SHIELD COVERAGE (each) 95% (minimum) WEIGHT 11.2 lbs/1000 ft. (nominal)
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. 7526M4422-9X. A white laser markable outer jacket will be designated by a "-9LM" appended to the part number, e.g. 7526M4422-9LM. Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		<u>ENGINEERING REFERENCE</u> 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.		
Page 1 of 1	Cheminax, Raychem, TE Connectivity, and TE connectivity (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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