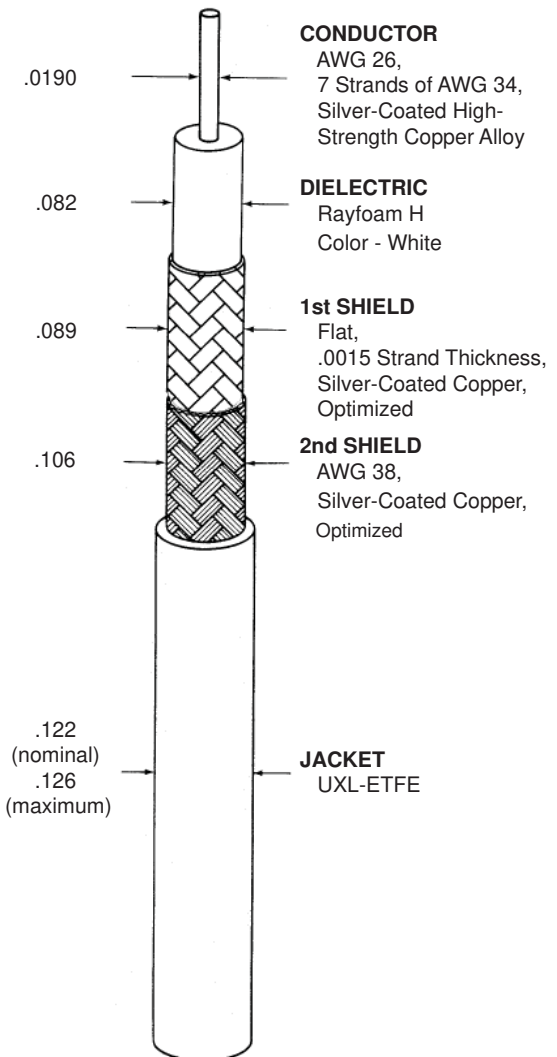


SPECIFICATION CONTROL DRAWING			7526C4524
<b>CHEMINAX</b>	75 OHM, AWG 26, 7 STRANDS OF AWG 34, OPTIMIZED DOUBLE SHIELDS, COAXIAL CABLE	Date	10-25-13
		Revision	A
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.  		CHARACTERISTIC IMPEDANCE 75 ± 3 ohms, Method B CAPACITANCE 16.7 pF/ft. (nominal) VELOCITY OF PROPAGATION 81% (nominal) ATTENUATION 0.58 dB/100 ft. (maximum) at 1 MHz 1.6 dB/100 ft. (maximum) at 10 MHz 5.0 dB/100 ft. (maximum) at 100 MHz 10.6 dB/100 ft. (maximum) at 400 MHz 22.0 dB/100 ft. (maximum) at 1.45 GHz 34.0 dB/100 ft. (maximum) at 3 GHz SURFACE TRANSFER IMPEDANCE 32 milliohms/m (maximum) at 0.1-1 MHz (curve defined by the points) 3 milliohms/m (maximum) at 20 MHz 25 milliohms/m (maximum) at 40 MHz 100 milliohms/m (maximum) at 1 GHz SHIELD EFFECTIVENESS 65.9 dB (minimum) at 0.1-1 MHz (Engineering Reference only - values determined by Zt above) 86.5 dB (minimum) at 20 MHz 68.0 dB (minimum) at 40 MHz 56.0 dB (minimum) at 1 GHz	
		ADDITIONAL REQUIREMENTS	
		ELECTRICAL	
		CONDUCTOR RESISTANCE	43.9 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
		LOW TEMPERATURE-COLD BEND	-55°C/3.25 inch mandrel
		VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms), 1 minute
		PHYSICAL	
		INSULATION (DIELECTRIC)	
		ELONGATION	50% (minimum)
		TENSILE STRENGTH	600 lbf/in <sup>2</sup> (minimum)
		JACKET	
		ELONGATION	150% (minimum)
		TENSILE STRENGTH	5000 lbf/in <sup>2</sup> (minimum)
		JACKET THICKNESS	.008 inch (nominal)
		SHIELD COVERAGE (each)	95% (minimum)
		WEIGHT	13.9 lbs/1000 ft. (nominal)
		ENGINEERING REFERENCE	
		TEMPERATURE RATING	-65°C to 150°C
		MINIMUM BEND RADIUS	0.6 inch
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 7526C4524-9), 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.