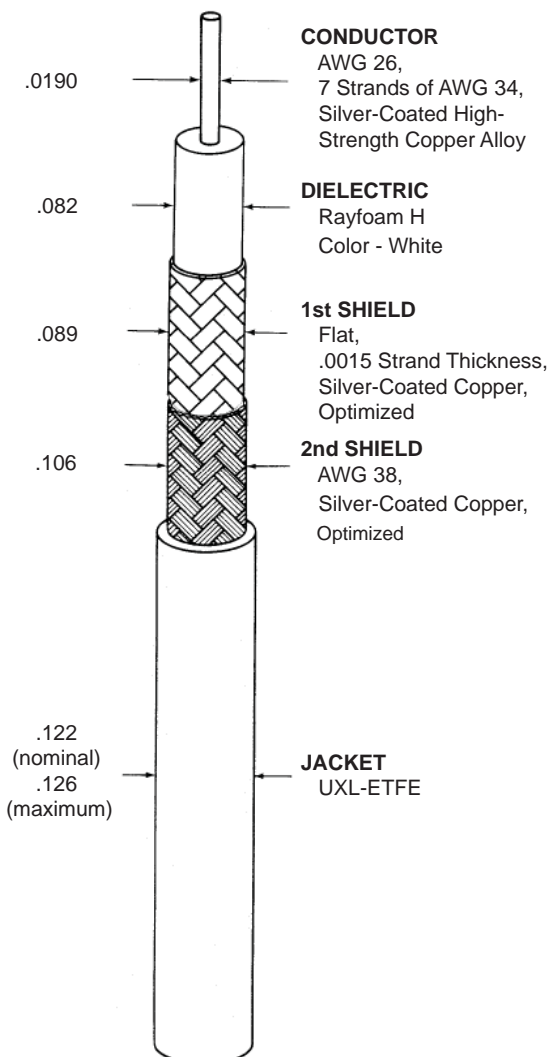


SPECIFICATION CONTROL DRAWING			7526C4524
CHEMINAX	75 OHM, AWG 26, 7 STRANDS OF AWG 34, OPTIMIZED DOUBLE SHIELDS, COAXIAL CABLE	Date	10-25-13
		Revision	A
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
<p>DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.</p> 		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 (curve defined by the points)	32 milliohms/m (maximum) at 0.1-1 MHz 3 milliohms/m (maximum) at 20 MHz 25 milliohms/m (maximum) at 40 MHz 100 milliohms/m (maximum) at 1 GHz
		SHIELD EFFECTIVENESS (Engineering Reference only - values determined by Zt above)	65.9 dB (minimum) at 0.1-1 MHz 86.5 dB (minimum) at 20 MHz 68.0 dB (minimum) at 40 MHz 56.0 dB (minimum) at 1 GHz
ADDITIONAL REQUIREMENTS			
		<b>ELECTRICAL</b>	
		CONDUCTOR RESISTANCE	43.9 ohms/1000 ft. (nominal)
		INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
		JACKET FLAWS SPARK TEST IMPULSE TEST	1.0 kV (rms) 6.0 kV (peak)
		VOLTAGE WITHSTAND (DIELECTRIC)	1500 volts (rms)
		<b>ENVIRONMENTAL</b>	
		FLAMMABILITY	Method B
		LOW TEMPERATURE-COLD BEND	-55°C/3.25 inch mandrel
		VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms), 1 minute
		<b>PHYSICAL</b>	
		INSULATION (DIELECTRIC) ELONGATION TENSILE STRENGTH	50% (minimum) 600 lbf/in <sup>2</sup> (minimum)
		JACKET ELONGATION TENSILE STRENGTH	150% (minimum) 5000 lbf/in <sup>2</sup> (minimum)
		JACKET THICKNESS	.008 inch (nominal)
		SHIELD COVERAGE (each)	95% (minimum)
		WEIGHT	13.9 lbs/1000 ft. (nominal)
		<b>ENGINEERING REFERENCE</b>	
		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.