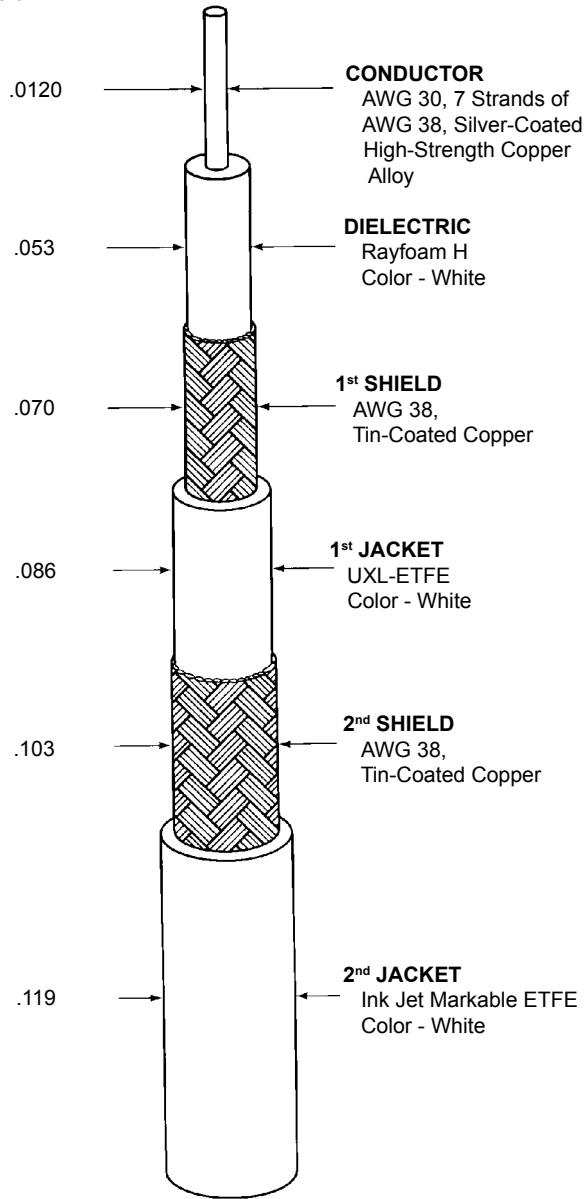


SPECIFICATION CONTROL DRAWING			7530A5524
CHEMINAX	75 OHM, AWG 30, 7 STRANDS OF AWG 38, TRIAXIAL CABLE	Date	5-9-13
		Revision	A
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
<p>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</p> 		CHARACTERISTIC IMPEDANCE 75 ± 3 ohms, Method B	
		CAPACITANCE 17.5 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION 77% (nominal)	
		ADDITIONAL REQUIREMENTS	
		<u>ELECTRICAL</u>	
		CONDUCTOR RESISTANCE 116. ohms/1000 ft. (nominal)	
		INSULATION RESISTANCE (CONDUCTOR TO SHIELD) 10,000 megohms (minimum) for 1000 ft.	
		JACKET FLAWS	
		SPARK TEST 1.0 kV (rms)	
		IMPULSE TEST 6.0 kV (peak)	
VOLTAGE WITHSTAND			
CONDUCTOR TO SHIELD 1000 volts (rms) (minimum)			
SHIELD TO SHIELD 500 volts (rms) (minimum)			
<u>ENVIRONMENTAL</u>			
FLAMMABILITY Method B			
HEAT SHOCK 225°C			
LOW TEMPERATURE-COLD BEND -55°C/3.25 inch mandrel			
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 (EACH)			
ELONGATION 150% (minimum)			
TENSILE STRENGTH 5000 lbf/in ² (minimum)			
JACKET THICKNESS (EACH)			
.006 inch (minimum)			
.008 inch (nominal)			
SHIELD COVERAGE (EACH) 90% (minimum)			
WEIGHT 13.5 lbs/1000 ft. (nominal)			
Outer jacket color will be white (designated by a "-9") appended to the part number, e.g. 7530A5524-9) 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.