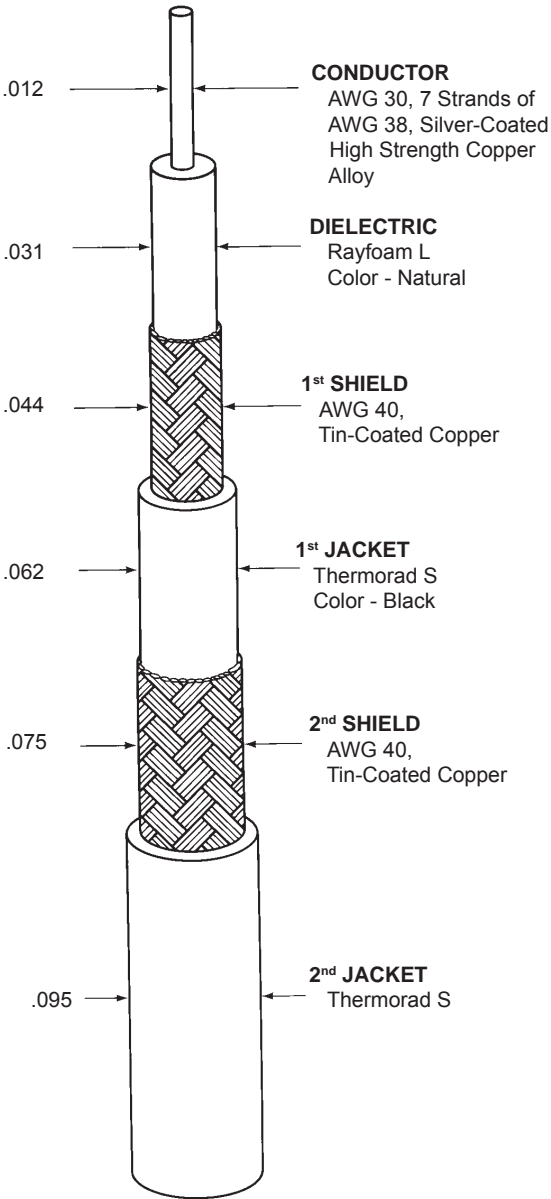


SPECIFICATION CONTROL DRAWING			5030A5314
CHEMINAX	50 OHM, AWG 30, 7 STRANDS OF AWG 38, TRIAXIAL CABLE	Date	5-15-07
		Revision	B
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
<div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> 		CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A	
		CAPACITANCE 29.9 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION 70% (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 750 volts (rms) (minimum)			
SHIELD TO SHIELD 500 volts (rms) (minimum)			
<u>ENVIRONMENTAL</u>			
FLAMMABILITY Method C			
HEAT SHOCK 225°C			
LOW TEMPERATURE-COLD BEND -55°C/2.75 inch mandrel			
VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute			
<u>PHYSICAL</u>			
INSULATION (DIELECTRIC)			
ELONGATION 50% (minimum)			
TENSILE STRENGTH 1000 lbf/in ² (minimum)			
JACKET (EACH)			
ELONGATION 200% (minimum)			
TENSILE STRENGTH 2000 lbf/in ² (minimum)			
JACKET THICKNESS .009 inch (nominal) (1 st jacket) .010 inch (nominal) (2 nd jacket)			
SHIELD COVERAGE (EACH) 90% (minimum)			
WEIGHT 7.6 lbs/1000 ft. (nominal)			
CHEMINAX, RAYCHEM, RAYFOAM and THERMORAD are trademarks of Tyco Electronics Corporation.			
Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 5030A5314-0) 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 also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.			