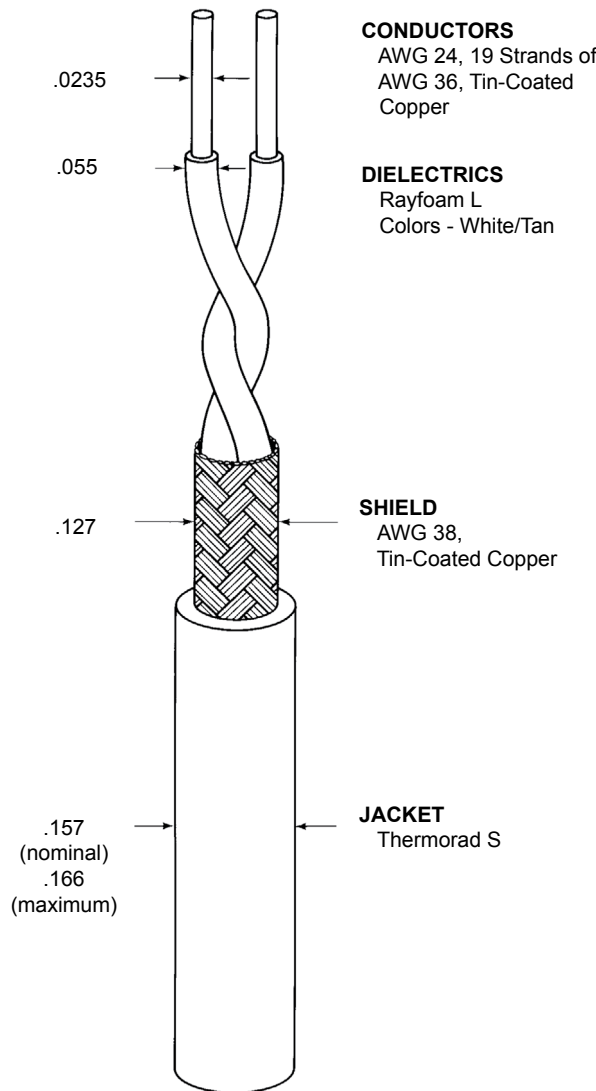


SPECIFICATION CONTROL DRAWING			0024A0311
CHEMINAX	100 OHM, AWG 24, 19 STRANDS OF AWG 36, TWINAXIAL CABLE	Date	2-21-13
		Revision	G
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
<div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> <div></div> <div>CONDUCTORS AWG 24, 19 Strands of AWG 36, Tin-Coated Copper</div> <div>DIELECTRICS Rayfoam L Colors - White/Tan</div> <div>SHIELD AWG 38, Tin-Coated Copper</div> <div>JACKET Thermorad S</div>		CHARACTERISTIC IMPEDANCE 100 ± 10 ohms, Method C at 1 MHz	
		MUTUAL CAPACITANCE 13.5 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION 79% (nominal)	
ADDITIONAL REQUIREMENTS			
<div>ELECTRICAL</div> <div>CONDUCTOR RESISTANCE 25.7 ohms/1000 ft. (nominal)</div> <div>INSULATION RESISTANCE 10,000 megohms (minimum) for 1000 ft.</div> <div>JACKET FLAWS</div> <div>SPARK TEST 1.0 kV (rms)</div> <div>IMPULSE TEST 6.0 kV (peak)</div> <div>VOLTAGE WITHSTAND (DIELECTRIC) 1000 volts (rms) (minimum)</div> <div>ENVIRONMENTAL</div> <div>FLAMMABILITY Method C</div> <div>HEAT SHOCK 225°C</div> <div>LOW TEMPERATURE-COLD BEND -55°C/1.50 inch mandrel</div> <div>VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute</div> <div>PHYSICAL</div> <div>INSULATION (DIELECTRIC) (Prior to Cabling)</div> <div>ELONGATION 50% (minimum)</div> <div>TENSILE STRENGTH 800 lbf/in² (minimum)</div> <div>JACKET</div> <div>ELONGATION 100% (minimum)</div> <div>TENSILE STRENGTH 2000 lbf/in² (minimum)</div> <div>JACKET THICKNESS .015 inch (nominal)</div> <div>SHIELD COVERAGE 90% (minimum)</div>			
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 0024A0311-9) 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, Thermorad, Cheminax, Raychem, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.	

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