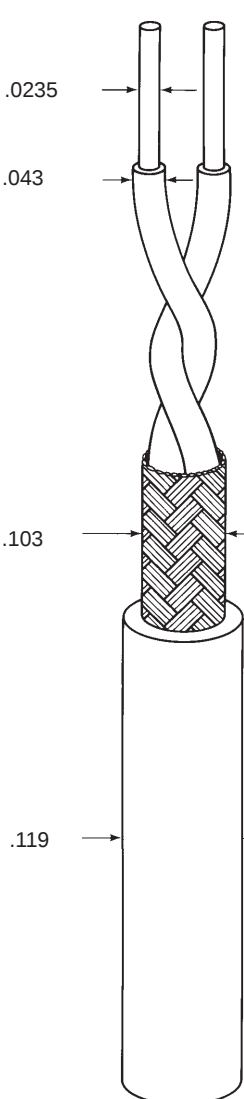


SPECIFICATION CONTROL DRAWING			7024D1134
CHEMINAX	70 OHM, AWG 24, 19 STRANDS OF AWG 36, TWINAXIAL CABLE	Date	9-2-11
		Revision	A
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.  CONDUCTORS AWG 24, 19 Strands of AWG 36, Silver-Coated High-Strength Copper Alloy DIELECTRICS Rayolin F Colors - Red/Green SHIELD AWG 38, Tin-Coated Copper JACKET Radiation-Crosslinked, Modified PVDF		CHARACTERISTIC IMPEDANCE70 ± 10 ohms, Method C at 1 MHz	
		MUTUAL CAPACITANCE24.4 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION66% (nominal)	
		ADDITIONAL REQUIREMENTS	
		<u>ELECTRICAL</u>	
CONDUCTOR RESISTANCE27.8 ohms/1000 ft. (nominal)			
INSULATION RESISTANCE10,000 megohms (minimum) for 1000 ft.			
JACKET FLAWS			
SPARK TEST1.0 kV (rms)			
IMPULSE TEST6.0 kV (peak)			
VOLTAGE WITHSTAND (DIELECTRIC)1000 volts (rms) (minimum)			
<u>ENVIRONMENTAL</u>			
FLAMMABILITYMethod B			
HEAT SHOCK225°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) (Prior to Cabling)			
ELONGATION200% (minimum)			
TENSILE STRENGTH1800 lbf/in² (minimum)			
JACKET			
ELONGATION200% (minimum)			
TENSILE STRENGTH4000 lbf/in² (minimum)			
JACKET THICKNESS.008 inch (nominal)			
SHIELD COVERAGE90% (minimum)			
WEIGHT10.2 lbs/1000 ft. (nominal)			
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 7024D1134-9) 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		Rayolin, 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.

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