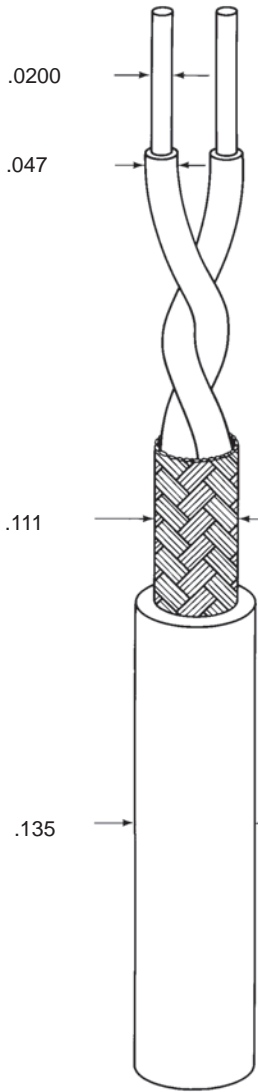


SPECIFICATION CONTROL DRAWING			0026S1424
CHEMINAX	100 OHM, AWG 26, 19 STRANDS OF AWG 38, TWINAXIAL CABLE, LOW OUTGASSING	Date	10-29-08
		Revision	C
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
<div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> <div><div><div>CONDUCTORS</div><div>AWG 26, 19 Strands of AWG 38, Silver-Coated High Strength Copper Alloy</div><div>DIELECTRICS</div><div>Rayfoam H Colors - White/Light Blue</div><div>SHIELD</div><div>AWG 38, Tin-Coated Copper</div><div>JACKET</div><div>Modified FEP</div></div></div> <td colspan="2">CHARACTERISTIC IMPEDANCE100 ± 7 ohms, Method C at 1 MHz</td>		CHARACTERISTIC IMPEDANCE100 ± 7 ohms, Method C at 1 MHz	
		MUTUAL CAPACITANCE14.5 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION73% (nominal)	
ADDITIONAL REQUIREMENTS			
<div>Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 0026S1424-9) unless otherwise specified.</div> <div>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.</div>		<u>ELECTRICAL</u>	
		CONDUCTOR RESISTANCE42.0 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/3.75 inch mandrel			
VOLTAGE WITHSTAND (Post Environmental)1000 volts (rms), 1 minute			
		<u>PHYSICAL</u>	
		INSULATION (DIELECTRIC) (Prior to Cabling)	
		ELONGATION50% (minimum)	
		TENSILE STRENGTH600 lbf/in <sup>2</sup> (minimum)	
		JACKET	
		ELONGATION200% (minimum)	
		TENSILE STRENGTH2000 lbf/in <sup>2</sup> (minimum)	
		JACKET THICKNESS.012 inch (nominal)	
		SHIELD COVERAGE90% (minimum)	
		BRAID ANGLE25° (maximum)	
WEIGHT13.3 lbs/1000 ft. (nominal)			
		<u>LOW OUTGASSING REQUIREMENTS</u>	
		VACUUM STABILITY	
		TOTAL MASS LOSS (TML)1.00% (maximum)	
		VOLATILE CONDENSABLE MATERIAL (VCM)0.10% (maximum)	
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.			
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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.