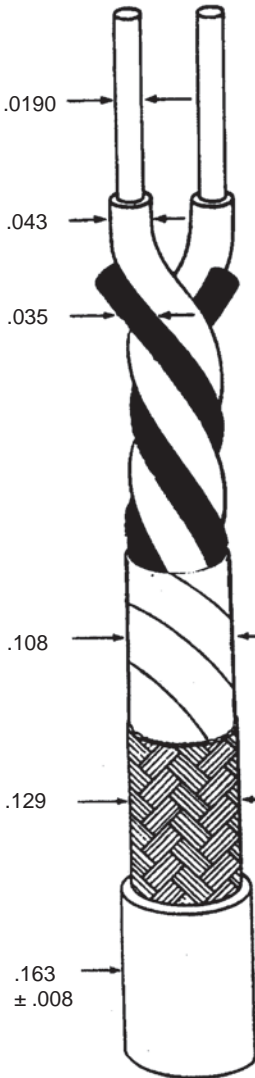


SPECIFICATION CONTROL DRAWING		EPD6845-26	
CHEMINAX	130 OHM, AWG 26, 7 STRANDS OF AWG 34, TWINAXIAL CABLE	Date	2-21-12
		Revision	K
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
<div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> <div><div><div>CONDUCTORS</div><div>AWG 26, 7 Strands of AWG 34, Tin-Coated Copper</div><div>DIELECTRICS</div><div>Rayfoam L Colors - White/Red</div><div>FILLERS</div><div>Rayfoam L</div><div>WRAP</div><div>Aluminum Polyester</div><div>SHIELD</div><div>AWG 36, Tin-Coated Copper</div><div>JACKET</div><div>Raythane FR</div></div></div> <td>CHARACTERISTIC IMPEDANCE</td> <td>130 ohms (nominal), Method C at 1 MHz</td>		CHARACTERISTIC IMPEDANCE	130 ohms (nominal), Method C at 1 MHz
		MUTUAL CAPACITANCE	16.0 pF/ft. (nominal)
VELOCITY OF PROPAGATION	77% (nominal)		
ADDITIONAL REQUIREMENTS			
		<u>ELECTRICAL</u>	
		CONDUCTOR RESISTANCE (prior to cabling)	42.6 ohms/1000 ft. (nominal)
		INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
		JACKET FLAWS	
		SPARK TEST	1.0 kV (rms)
		IMPULSE TEST	6.0 kV (peak)
		VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)
		<u>ENVIRONMENTAL</u>	
		FLAMMABILITY	Method C
		HEAT SHOCK	150°C
		LOW TEMPERATURE-COLD BEND	-55°C/4.50 inch mandrel
		VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms),1 minute
		<u>PHYSICAL</u>	
		CABLE LAY LENGTH (left hand)	1.10 inch (nominal)
		INSULATION (DIELECTRIC) (Prior to Cabling)	
		ELONGATION	50% (minimum)
		TENSILE STRENGTH	1200 lbf/in <sup>2</sup> (minimum)
		JACKET	
		ELONGATION	300% (minimum)
		TENSILE STRENGTH	1000 lbf/in <sup>2</sup> (minimum)
		JACKET THICKNESS	.017 inch (nominal)
		SHIELD COVERAGE	93% (minimum)
		WRAP	.0020 inch thick (nominal) 25% overlap (minimum) Aluminum facing out
Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. EPD6845-26-0) 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.			
		WEIGHT	16.8 lbs/1000 ft. (nominal)
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.			
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