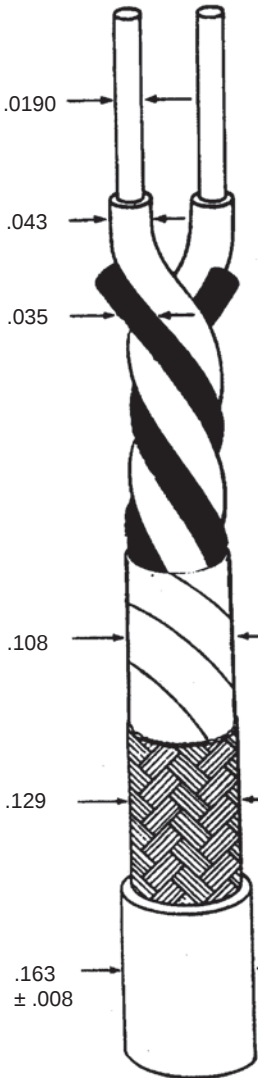


SPECIFICATION CONTROL DRAWING		EPD6845-26	
CHEMINAX	130 OHM, AWG 26, 7 STRANDS OF AWG 34, TWINAXIAL CABLE	Date	2-21-12
		Revision	K
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.  CONDUCTORS AWG 26, 7 Strands of AWG 34, Tin-Coated Copper DIELECTRICS Rayfoam L Colors - White/Red FILLERS Rayfoam L WRAP Aluminum Polyester SHIELD AWG 36, Tin-Coated Copper JACKET Raythane FR		CHARACTERISTIC IMPEDANCE 130 ohms (nominal), Method C at 1 MHz	
		MUTUAL CAPACITANCE 16.0 pF/ft. (nominal)	
		VELOCITY OF PROPAGATION 77% (nominal)	
		ADDITIONAL REQUIREMENTS	
		ELECTRICAL	
		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)			
ENVIRONMENTAL			
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			
PHYSICAL			
CABLE LAY LENGTH (left hand) 1.10 inch (nominal)			
INSULATION (DIELECTRIC) (Prior to Cabling)			
ELONGATION 50% (minimum)			
TENSILE STRENGTH 1200 lbf/in ² (minimum)			
JACKET			
ELONGATION 300% (minimum)			
TENSILE STRENGTH 1000 lbf/in ² (minimum)			
JACKET THICKNESS .017 inch (nominal)			
SHIELD COVERAGE 93% (minimum)			
WRAP .0020 inch thick (nominal) 25% overlap (minimum) Aluminum facing out			
WEIGHT 16.8 lbs/1000 ft. (nominal)			
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.			
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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