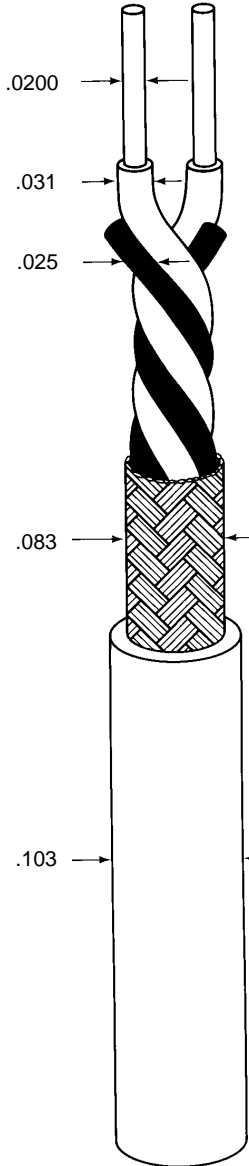


SPECIFICATION CONTROL DRAWING		7726D1424
CHEMINAX	77 OHM, AWG 26, 19 STRANDS OF AWG 38, OPTIMIZED SHIELD, DATA BUS CABLE, MIL-STD-1553	Date: 4-21-17 Revision: B
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.  <div style="display: flex; flex-direction: column; align-items: flex-start;"> <div> CONDUCTORS AWG 26, 19 Strands of AWG 38, Silver-Coated High-Strength Copper Alloy </div> <div> DIELECTRICS Foamed FEP Colors - Light Blue/White </div> <div> FILLERS Radiation-Crosslinked, Modified ETFE </div> <div> SHIELD AWG 40, Silver-Coated Copper, Optimized </div> <div> JACKET Modified FEP </div> </div>		CHARACTERISTIC IMPEDANCE 77 ± 7 ohms, Method C at 1 MHz MUTUAL CAPACITANCE 18.0 pF/ft. (nominal) 19.8 pF/ft. (maximum) VELOCITY OF PROPAGATION 77% (nominal) ATTENUATION 1.5 dB/100 ft. (maximum) at 1 MHz SURFACE TRANSFER IMPEDANCE TBD
		ADDITIONAL REQUIREMENTS
		ELECTRICAL CONDUCTOR RESISTANCE 42.0 ohms/1000 ft. (nominal) (prior to cabling) INSULATION RESISTANCE 10,000 megohms (minimum) for 1000 ft. JACKET FLAWS SPARK TEST 1.0 kV (rms) IMPULSE TEST 6.0 kV (peak) SHIELD RESISTANCE TBD VOLTAGE WITHSTAND (DIELECTRIC) 1000 volts (rms) (minimum)
		ENVIRONMENTAL FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/2.75 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute
		PHYSICAL INSULATION (DIELECTRIC) (prior to cabling) ELONGATION 50% (minimum) TENSILE STRENGTH 600 lbf/in ² (minimum) JACKET ELONGATION 200% (minimum) TENSILE STRENGTH 2000 lbf/in ² (minimum) JACKET THICKNESS .010 inch (nominal) CABLE IDENTIFICATION: Place marker tape under jacket and mark in contrasting color at 6 inch (maximum) intervals as follows: "RAYCHEM 7726D1424 06090"
Designate outer jacket color with a dash number in accordance with MIL-STD-681. Unless otherwise specified, outer jacket color will be translucent white designated by a "-9X" appended to the part number, (e.g. 7726D1424-9X). Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 9.7 lbs/1000 ft. (nominal)
		ENGINEERING REFERENCE
		TEMPERATURE RATING 200°C (maximum)
Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. TE Connectivity 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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