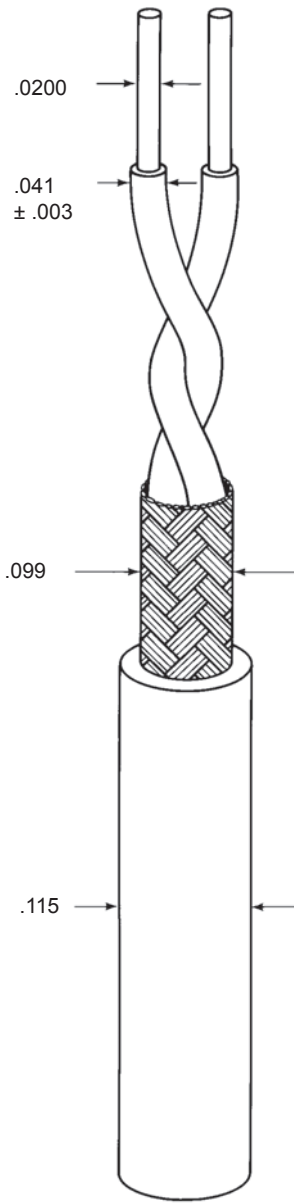


SPECIFICATION CONTROL DRAWING			7726S0LL4
CHEMINAX	77 OHM, AWG 26, 19 STRANDS OF AWG 38, DATA BUS, MIL-STD-1553, LOW FLUORIDE, OUTER SPACE USE	Date	12-31-08
		Revision	C
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.			
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
<div><p>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</p><p><b>CONDUCTORS</b> AWG 26, 19 Strands of AWG 38, Silver-Coated High Strength Copper Alloy</p><p><b>DIELECTRICS</b> Low Fluoride, Radiation-Crosslinked, Modified ETFE Color - Light Blue/White</p><p><b>SHIELD</b> AWG 38 Silver-Coated Copper</p><p><b>JACKET</b> Low Fluoride, Radiation-Crosslinked, Modified ETFE</p></div>		CHARACTERISTIC IMPEDANCE	77 ± 5 ohms, Method C at 1 MHz
		MUTUAL CAPACITANCE	30.0 pF/ft. (maximum)
		ATTENUATION	1.5 dB/100 ft. (maximum) at 1 MHz
		ADDITIONAL REQUIREMENTS	
		FLUORIDE EXTRACTION (Dielectrics prior to cabling; and Jacket - per Raychem Spec 55/)	70 ± 2°C for 168 hours, 20 ppm (maximum)
		COMPONENT WIRE PRIOR TO CABLING (Test Procedures per SAE AS22759)	
		CROSSLINK PROOF	300 ± 3°C for 1 hour, .500 inch mandrel, .375 lb., 2.5 kV dielectric test
		INSULATION (DIELECTRIC) ELONGATION TENSILE STRENGTH INSULATION FLAWS SPARK TEST IMPULSE TEST INSULATION RESISTANCE LOW TEMPERATURE-COLD BEND	50% (minimum) 5000 lbf/in <sup>2</sup> (minimum) 3.0 kV (rms) 8.0 kV (peak) 5000 megohms for 1000 ft. (minimum) -65 ± 3°C for 4 hours, .500 inch mandrel, .500 lb., 2.5 kV dielectric test
		SHRINKAGE	200 ± 3°C for 1 hour, .125 inch (maximum) in 12 inches
		FINISHED CABLE (Test Procedures per NEMA WC 27500, unless otherwise specified)	
BLOCKING CABLE LAY LENGTH CROSSLINKED VERIFICATION FLAMMABILITY (Method B of Spec 1200) JACKET ELONGATION TENSILE STRENGTH JACKET FLAWS SPARK TEST IMPULSE TEST JACKET THICKNESS LOW TEMPERATURE-COLD BEND SHIELD COVERAGE VOLTAGE WITHSTAND (DIELECTRIC) WEIGHT	200°C for 6 hours .75 inch (minimum), 1.25 inches (maximum) 300 ± 5°C for 6 hours, 3.00 inch mandrel 3 seconds (maximum); 3 inches (maximum); no flaming of facial tissue 50% (minimum) 5000 lbf/in <sup>2</sup> (minimum) 1.0 kV (rms) 6.0 kV (peak) .008 inch (nominal) -55 ± 5°C for 4 hours, 3.00 inch mandrel 90% (minimum) 1500 volts (rms) 9.7 lbs/1000 ft. (nominal)		
OUTER SPACE REQUIREMENTS			
RADIATION RESISTANCE	500 megarads/3.50 inch mandrel 1.0 kV dielectric test		
VACUUM STABILITY TOTAL MASS LOSS (TML) VOLATILE CONDENSABLE MATERIAL (VCM) WEIGHT LOSS (Test per Spec 55/):	1.00% (maximum) 0.10% (maximum) 0.45% (maximum)		
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 7726S0LL4-9) 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 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		The TE logo, Tyco Electronics, Cheminax and Raychem are trademarks.	

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[CX2579-000](#)