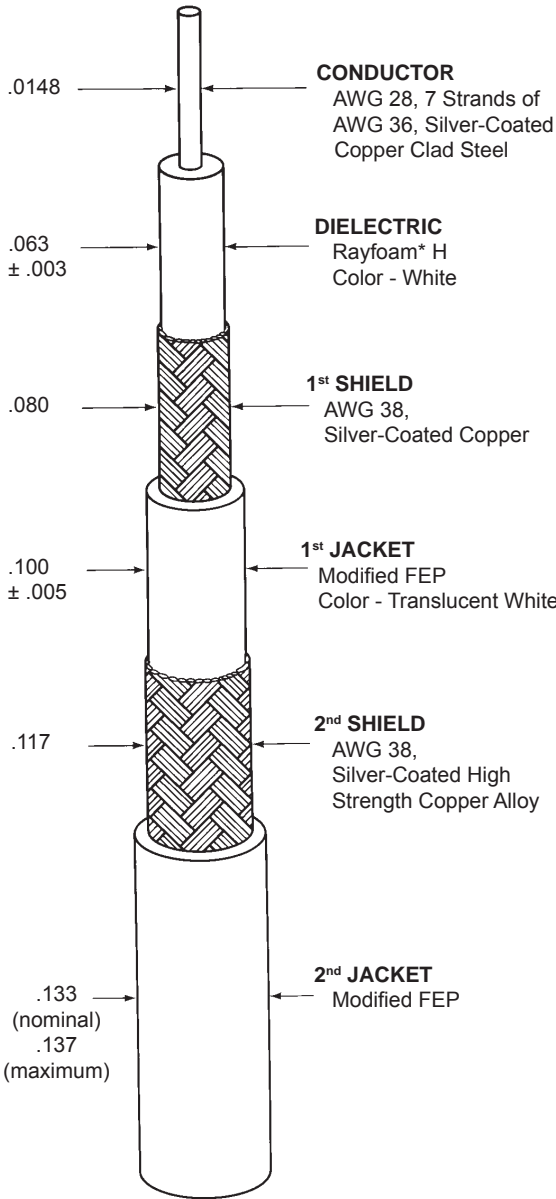


SPECIFICATION CONTROL DRAWING			7528J5428	
CHEMINAX*	75 OHM, AWG 28, 7 STRANDS OF AWG 36, TRIAXIAL CABLE	Date	5-9-07	
		Revision	A	
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.				
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS		
<div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> 		CHARACTERISTIC IMPEDANCE75 ± 3 ohms, Method B		
		CAPACITANCE17.8 pF/ft. (nominal) at 1 kHz 19.0 pF/ft. (maximum) at 1 kHz		
		VELOCITY OF PROPAGATION78% (nominal)		
		ATTENUATION3.8 dB/100 ft. (maximum) at 10 MHz 6.8 dB/100 ft. (maximum) at 50 MHz 8.8 dB/100 ft. (maximum) at 100 MHz 12.5 dB/100 ft. (maximum) at 200 MHz 24.0 dB/100 ft. (maximum) at 700 MHz 30.5 dB/100 ft. (maximum) at 1000 MHz		
ADDITIONAL REQUIREMENTS				
ELECTRICAL				
CONDUCTOR RESISTANCE150. ohms/1000 ft. (nominal)				
INSULATION RESISTANCE (CONDUCTOR TO SHIELD)10,000 megohms (minimum) for 1000 ft.				
JACKET FLAWS				
SPARK TEST1.0 kV (rms)				
IMPULSE TEST6.0 kV (peak)				
VOLTAGE WITHSTAND (DIELECTRIC)				
CONDUCTOR TO SHIELD1000 volts (rms) (minimum)				
SHIELD TO SHIELD500 volts (rms) (minimum)				
ENVIRONMENTAL				
FLAMMABILITYMethod B				
HEAT SHOCK225°C				
LOW TEMPERATURE-COLD BEND-55°C/3.75 inch mandrel				
VOLTAGE WITHSTAND (Post Environmental)1000 volts (rms), 1 minute				
PHYSICAL				
INSULATION (DIELECTRIC)				
ELONGATION50% (minimum)				
TENSILE STRENGTH600 lbf/in ² (minimum)				
JACKET (EACH)				
ELONGATION200% (minimum)				
TENSILE STRENGTH2000 lbf/in ² (minimum)				
JACKET THICKNESS.009 inch (nominal) (1st jacket) .008 inch (nominal) (2nd jacket)				
SHIELD COVERAGE (EACH)90% (minimum)				
CABLE IDENTIFICATION: Place marker tape under outer jacket and mark in contrasting ink at 6 inch (maximum) intervals as follows: " RAYCHEM 7528J5428 06090 "				
WEIGHT19.0 lbs/1000 ft. (maximum)				
<div>* is a trademark of Tyco Electronics Corporation.</div> <div>Outer jacket color will be translucent white (designated by a "9X" appended to the part number, e.g. 7528J5428-9X) 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>				
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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