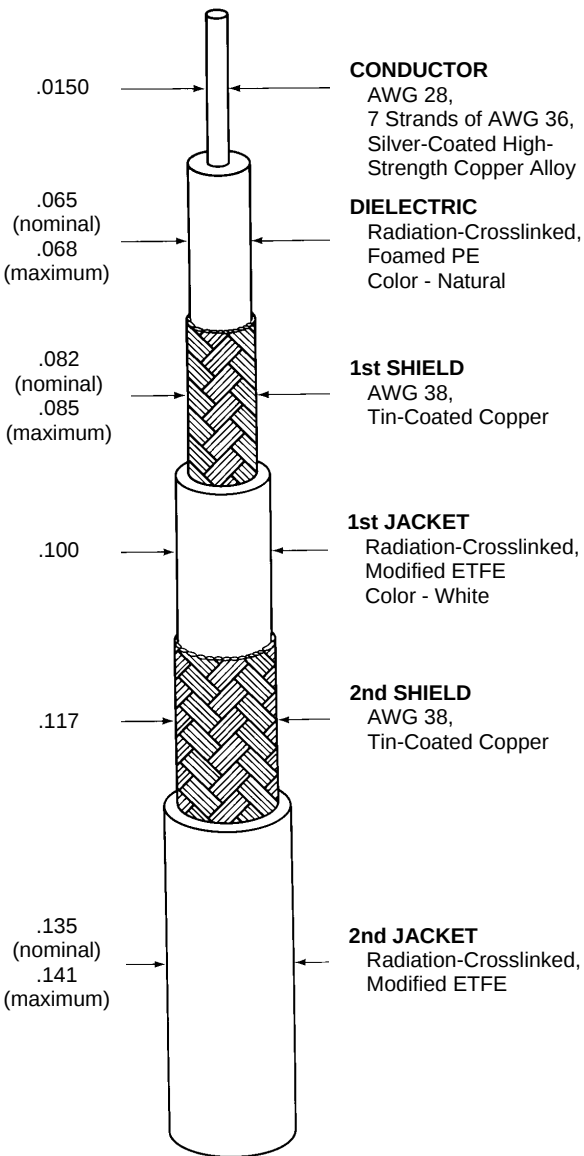


SPECIFICATION CONTROL DRAWING		7528F5614
CHEMINAX	75 OHM, AWG 28, 7 STRANDS OF AWG 36, TRIAXIAL CABLE	Date: 9-28-16 Revision: H
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED. 		CHARACTERISTIC IMPEDANCE 75 ± 3 ohms, Method B CAPACITANCE 17.7 pF/ft. (nominal) 19.5 pF/ft. (maximum) VELOCITY OF PROPAGATION 77% (nominal)
		ADDITIONAL REQUIREMENTS
		ELECTRICAL CONDUCTOR RESISTANCE 74.0 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 CONDUCTOR TO SHIELD 1000 volts (rms) (minimum) SHIELD TO SHIELD 500 volts (rms) (minimum)
		ENVIRONMENTAL FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/3.75 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute
		PHYSICAL INSULATION (DIELECTRIC) ELONGATION 50% (minimum) TENSILE STRENGTH 1000 lbf/in ² (minimum) JACKET (each) ELONGATION 50% (minimum) TENSILE STRENGTH 5000 lbf/in ² (minimum) JACKET THICKNESS (each) .009 inch (nominal) SHIELD COVERAGE (each) 90% (minimum)
Designate outer jacket color with a dash number in accordance with MIL-STD-681. Unless otherwise specified, outer jacket color will be white designated by a "-9" appended to the part number, (e.g. 7528F5614-9). Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 15.7 lbs/1000 ft. (nominal)
		ENGINEERING REFERENCE TEMPERATURE RATING 115°C (maximum)
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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