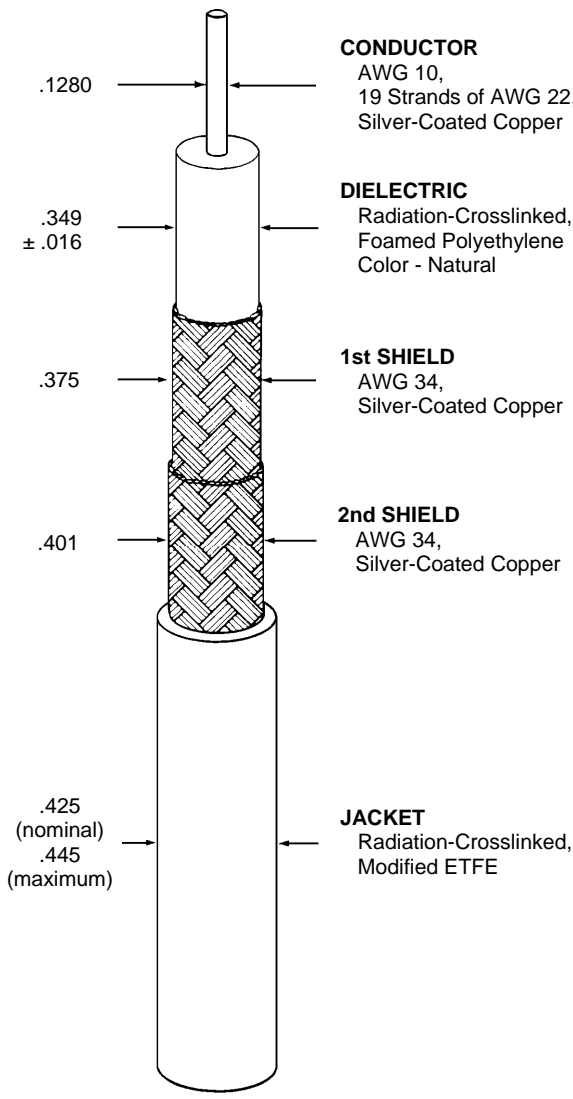


SPECIFICATION CONTROL DRAWING		5010D3612
CHEMINAX	50 OHM, AWG 10, 19 STRANDS OF AWG 22, COAXIAL CABLE	Date: 6-9-14 Revision: B
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.		
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED. 		CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A CAPACITANCE 26.0 pF/ft. (nominal) VELOCITY OF PROPAGATION 78% (nominal)
		ADDITIONAL REQUIREMENTS
		<u>ELECTRICAL</u> CONDUCTOR RESISTANCE .940 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) 1500 volts (rms) <u>ENVIRONMENTAL</u> FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/12.0 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute <u>PHYSICAL</u> INSULATION (DIELECTRIC) ELONGATION 50% (minimum) TENSILE STRENGTH 1000 lbf/in ² (minimum) JACKET ELONGATION 50% (minimum) TENSILE STRENGTH 5000 lbf/in ² (minimum) JACKET THICKNESS .012 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. 5010D3612-9). Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.		WEIGHT 136. lbs/1000 ft. (nominal)
		<u>ENGINEERING REFERENCE</u> 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.		
Page 1 of 1	Cheminax, Raychem, TE Connectivity, TE connectivity (logo), and TE (logo) are trademarks.	

