



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



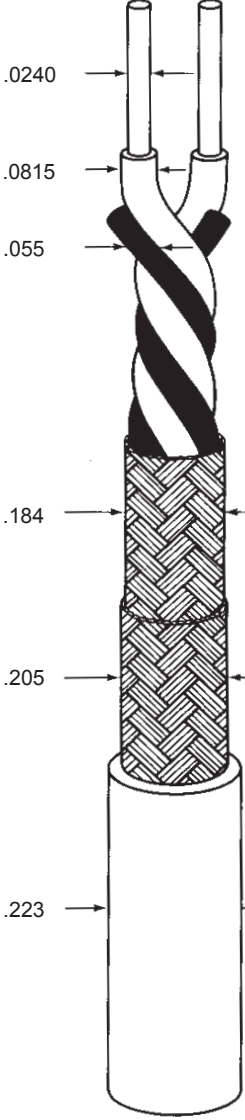
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SPECIFICATION CONTROL DRAWING			2424A3631
<b>CHEMINAX</b>	124 OHM, AWG 24, 7 STRANDS OF AWG 32, TWINAXIAL CABLE	Date	8-9-10
		Revision	A
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 124 ± 4 ohms, Method C at 1 MHz MUTUAL CAPACITANCE 12.0 pF/ft. (nominal) VELOCITY OF PROPAGATION 66% (nominal)	
<b>CONDUCTORS</b> AWG 24, 7 strands of AWG 32, Tin-Coated Copper  <b>DIELECTRICS</b> Rayolin F Colors - White/Blue  <b>FILLERS</b> Radiation Crosslinked, Modified ETFE  <b>1ST SHIELD</b> AWG 36, Tin-Coated Copper  <b>2ND SHIELD</b> AWG 36, Tin-Coated Copper  <b>JACKET</b> Radiation Crosslinked, Modified ETFE		ADDITIONAL REQUIREMENTS	
		ELECTRICAL	
		CONDUCTOR RESISTANCE 26.2 ohms/1000 ft. (nominal) INSULATION RESISTANCE 10,000 megohms (minimum) for 1000 ft.  <b>JACKET FLAWS</b> SPARK TEST 1.0 kV (rms) IMPULSE TEST 6.0 kV (peak) VOLTAGE WITHSTAND (DIELECTRIC) 1000 volts (rms) (minimum)	
		ENVIRONMENTAL	
		FLAMMABILITY Method B HEAT SHOCK 225°C LOW TEMPERATURE-COLD BEND -55°C/6.00 inch mandrel VOLTAGE WITHSTAND (Post Environmental) 1000 volts (rms), 1 minute	
		PHYSICAL	
		INSULATION (DIELECTRIC) (prior to cabling) ELONGATION 200% (minimum) TENSILE STRENGTH 1800 lbf/in <sup>2</sup> (minimum)  <b>JACKET</b> ELONGATION 50% (minimum) TENSILE STRENGTH 5000 lbf/in <sup>2</sup> (minimum) JACKET THICKNESS .009 inch (nominal) SHIELD COVERAGE (each) 90% (minimum)	
Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 2424A3631-9) unless otherwise specified.		CABLE IDENTIFICATION: Outer jacket shall be marked in contrasting color at 12 inch (nominal) intervals between marks as follows: " 2424A3631 06090 "	
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.		WEIGHT 38.2 lbs/1000 ft. (nominal)	
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, Raychem and Rayolin are trademarks.		



Raychem Wire & Cable  
 501 Oakside Avenue  
 Redwood City, California 94063-3800  
 1-800-227-8816 Fax: 1-650-361-6297

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.