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

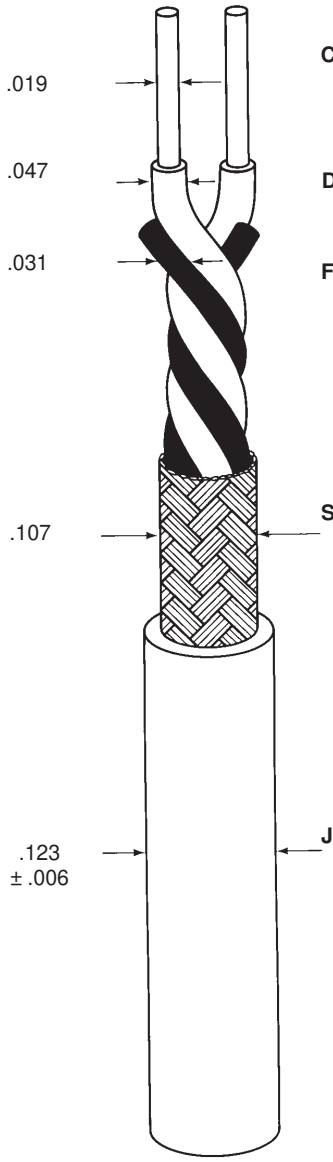
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

SPECIFICATION CONTROL DRAWING			1726A1424
CHEMINAX	120 OHM, AWG 26, 7 STRANDS OF AWG 34, RADIO FREQUENCY, TWINAXIAL CABLE	Date	4-16-09
		Revision	F

THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



CONDUCTOR
AWG 26, 7 Strands of AWG 34, Silver-Coated High Strength Copper Alloy

DIELECTRIC
Rayfoam H
Color - White/Light Blue

FILLERS
FEP

SHIELD
AWG 40, Silver-Coated Copper Optimized

JACKET
Modified FEP

Outer jacket color will be translucent white (designated by a "-9X" appended to the part number, e.g. 1726A1424-9X) 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.

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	120 ± 12 ohms, Method D at 700 kHz - 1 MHz 110 ± 10 ohms, Method D at 1 MHz - 20 MHz
MUTUAL CAPACITANCE	13.72 pF/ft. (maximum)
VELOCITY OF PROPAGATION	77% (nominal)
ATTENUATION	3 dB/100 ft. (maximum) at 1 MHz 8 dB/100 ft. (maximum) at 5 MHz
SURFACE TRANSFER IMPEDANCE	50 milliohms/m (maximum) at 0.1 MHz 50 milliohms/m (maximum) at 1 MHz 50 milliohms/m (maximum) at 10 MHz 100 milliohms/m (maximum) at 30 MHz
CAPACITANCE UNBALANCE	3.5% (maximum)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE	43.9 ohms/1000 ft. (nominal)
INSULATION RESISTANCE (CONDUCTOR TO SHIELD)	10,000 megohms (minimum) for 1000 ft.
JACKET FLAWS	
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/3.50 inch mandrel
VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) (Prior to Cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	600 lbf/in^2 (minimum)
JACKET	
ELONGATION	200% (minimum)
TENSILE STRENGTH	2000 lbf/in^2 (minimum)
JACKET THICKNESS	.008 inch (nominal)
SHIELD COVERAGE	90% (minimum)
WEIGHT	12.2 lbs/1000 ft. (nominal)

Tyco Electronics

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.