



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

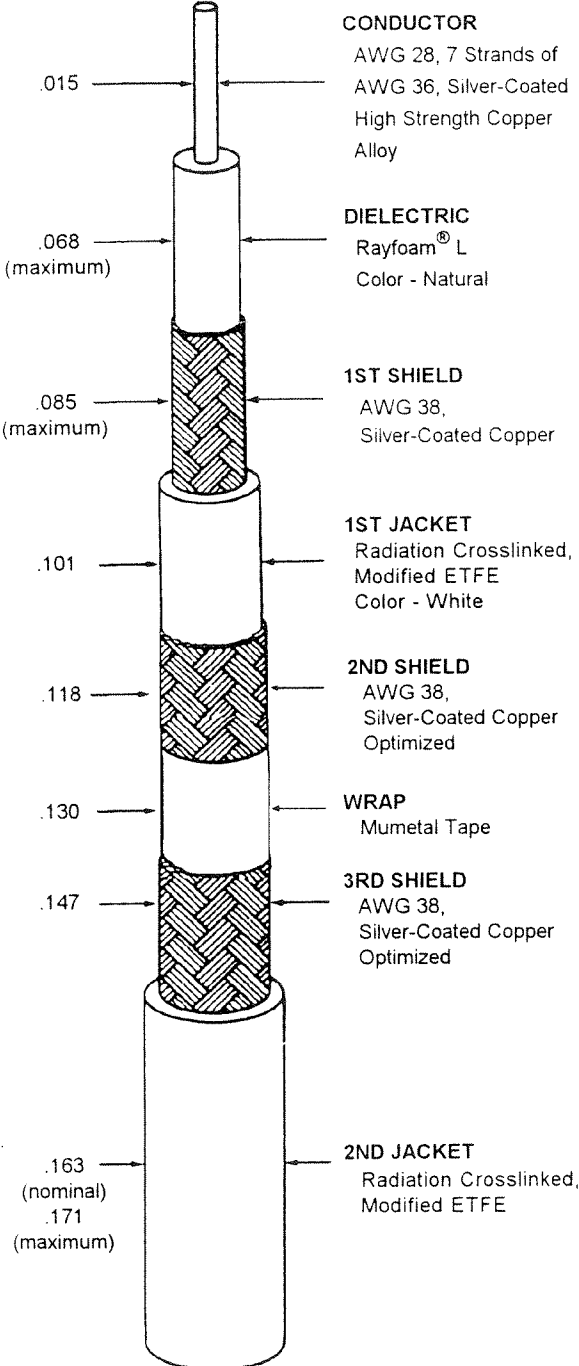
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



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

| CONSTRUCTION DETAILS | ELECTRICAL CHARACTERISTICS |
|--|--|
| <p>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</p>  <p>CONDUCTOR AWG 28, 7 Strands of AWG 36, Silver-Coated High Strength Copper Alloy</p> <p>DIELECTRIC Rayfoam® L Color - Natural</p> <p>1ST SHIELD AWG 38, Silver-Coated Copper</p> <p>1ST JACKET Radiation Crosslinked, Modified ETFE Color - White</p> <p>2ND SHIELD AWG 38, Silver-Coated Copper Optimized</p> <p>WRAP Mumetal Tape</p> <p>3RD SHIELD AWG 38, Silver-Coated Copper Optimized</p> <p>2ND JACKET Radiation Crosslinked, Modified ETFE</p> | <p>CHARACTERISTIC IMPEDANCE 75 ± 5 ohms, Method B</p> <p>CAPACITANCE 17.1 pF/ft. (nominal) at 1 kHz 19.5 pF/ft. (maximum) at 1 kHz</p> <p>VELOCITY OF PROPAGATION 79% (nominal)</p> <p>SURFACE TRANSFER IMPEDANCE 1.99 milliohms/meter (maximum) (per MIL-C-85485) at 500 MHz</p> |
| <p>Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 7528F8614-9) unless otherwise specified.</p> <p>Designate outer jacket color with a dash number in accordance with MIL-STD-681.</p> | <p>ADDITIONAL REQUIREMENTS</p> <p><u>ELECTRICAL</u></p> <p>CONDUCTOR RESISTANCE 74.0 ohms/1000 ft. (nominal)</p> <p>INSULATION RESISTANCE 10,000 megohms (minimum) for 1000 ft.</p> <p>JACKET FLAWS</p> <p>SPARK TEST 1.0 kV (rms), 60 Hz</p> <p>IMPULSE TEST 6.0 kV, (peak)</p> <p>VOLTAGE WITHSTAND (DIELECTRIC)</p> <p>CONDUCTOR TO SHIELD 1500 volts (rms) (minimum)</p> <p>1st SHIELD TO 2nd SHIELD 500 volts (rms) (minimum)</p> <p><u>ENVIRONMENTAL</u></p> <p>AGING STABILITY 135°C/-55°C/4.25 inch mandrel</p> <p>FLAMMABILITY Method B</p> <p>HEAT SHOCK 225°C</p> <p>LOW TEMPERATURE- COLD BEND -55°C/4.25 inch mandrel</p> <p>VOLTAGE WITHSTAND (POST ENVIRONMENTAL) 1000 volts (rms), 1 minute</p> <p><u>PHYSICAL</u></p> <p>INSULATION (DIELECTRIC)</p> <p>ELONGATION 50% (minimum)</p> <p>TENSILE STRENGTH 800 lbf/in² (minimum)</p> <p>JACKET (EACH)</p> <p>ELONGATION 50% (minimum)</p> <p>TENSILE STRENGTH 5000 lbf/in² (minimum)</p> <p>JACKET THICKNESS (EACH) .006 inch (minimum) .008 inch (nominal)</p> <p>SHIELD COVERAGE (1ST) 90% (minimum)</p> <p>WRAP .002 inch thick (nominal), 25% (minimum) overlap</p> <p>WEIGHT 29.4 lbs/1000 ft. (nominal)</p> |