



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

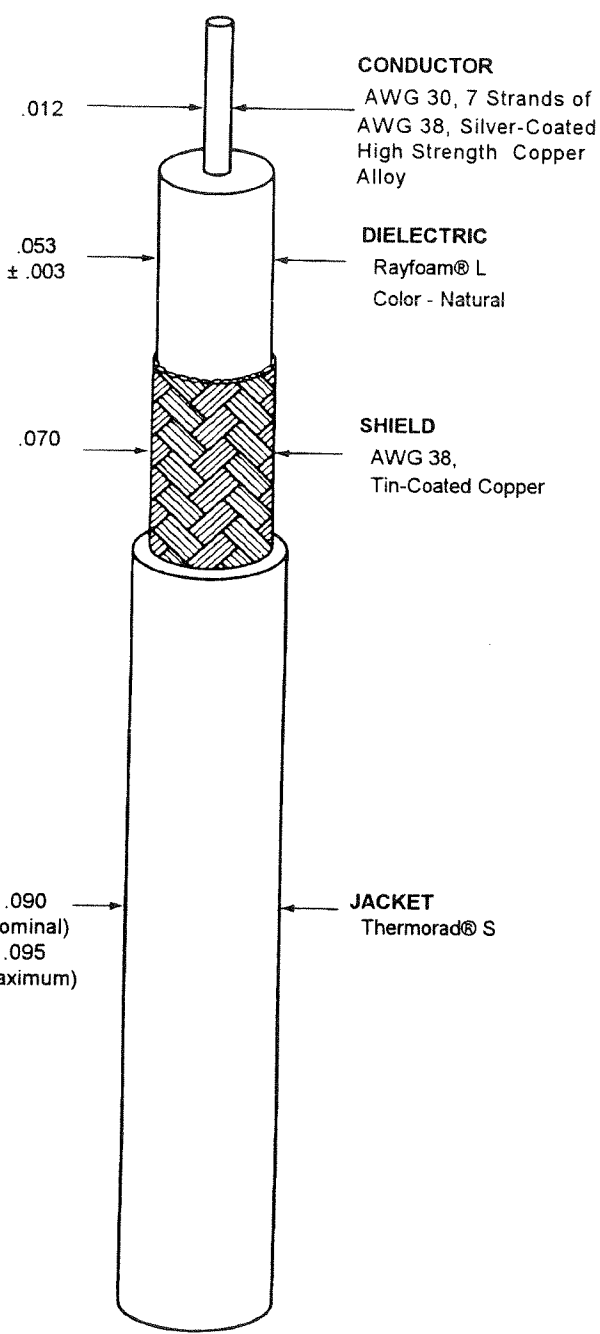
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THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS	ELECTRICAL CHARACTERISTICS																																																
<p>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</p>	<table border="0"> <tr> <td>CHARACTERISTIC IMPEDANCE</td> <td>75 ± 3 ohms, Method B</td> </tr> <tr> <td>CAPACITANCE</td> <td>18.3 pF/ft. (nominal) at 1 kHz 19.0 pF/ft. (maximum) at 1 kHz</td> </tr> <tr> <td>VELOCITY OF PROPAGATION</td> <td>74% (nominal)</td> </tr> </table>	CHARACTERISTIC IMPEDANCE	75 ± 3 ohms, Method B	CAPACITANCE	18.3 pF/ft. (nominal) at 1 kHz 19.0 pF/ft. (maximum) at 1 kHz	VELOCITY OF PROPAGATION	74% (nominal)																																										
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 <p>CONDUCTOR AWG 30, 7 Strands of AWG 38, Silver-Coated High Strength Copper Alloy</p> <p>DIELECTRIC Rayfoam® L Color - Natural</p> <p>SHIELD AWG 38, Tin-Coated Copper</p> <p>JACKET Thermorad® S</p> <p>.012</p> <p>.053 ± .003</p> <p>.070</p> <p>.090 (nominal) .095 (maximum)</p>	<table border="0"> <tr> <th colspan="2" data-bbox="700 649 1486 712">ADDITIONAL REQUIREMENTS</th> </tr> <tr> <td colspan="2" data-bbox="700 712 1486 755"><u>ELECTRICAL</u></td> </tr> <tr> <td>CONDUCTOR RESISTANCE</td> <td>116. ohms/1000 ft. (nominal)</td> </tr> <tr> <td>INSULATION RESISTANCE</td> <td>10,000 megohms (minimum) for 1000 ft.</td> </tr> <tr> <td>JACKET FLAWS</td> <td></td> </tr> <tr> <td> SPARK TEST</td> <td>1.0 kV (rms), 60 Hz</td> </tr> <tr> <td> IMPULSE TEST</td> <td>6.0 kV (peak)</td> </tr> <tr> <td>VOLTAGE WITHSTAND (DIELECTRIC)</td> <td>1000 volts (rms), (minimum)</td> </tr> <tr> <td colspan="2" data-bbox="700 1032 1486 1074"><u>ENVIRONMENTAL</u></td> </tr> <tr> <td>AGING STABILITY</td> <td>135°C/-55°C/2.50 inch mandrel</td> </tr> <tr> <td>FLAMMABILITY</td> <td>Method C</td> </tr> <tr> <td>HEAT SHOCK</td> <td>225°C</td> </tr> <tr> <td>LOW TEMPERATURE- COLD BEND</td> <td>-55°C/2.50 inch mandrel</td> </tr> <tr> <td>VOLTAGE WITHSTAND (POST ENVIRONMENTAL)</td> <td>1000 volts (rms), for 1 minute</td> </tr> <tr> <td colspan="2" data-bbox="700 1308 1486 1351"><u>PHYSICAL</u></td> </tr> <tr> <td colspan="2" data-bbox="700 1351 1486 1393">INSULATION (DIELECTRIC)</td> </tr> <tr> <td> ELONGATION</td> <td>50% (minimum)</td> </tr> <tr> <td> TENSILE STRENGTH</td> <td>1000 lbf/in² (minimum)</td> </tr> <tr> <td colspan="2" data-bbox="700 1436 1486 1478">JACKET</td> </tr> <tr> <td> ELONGATION</td> <td>250% (minimum)</td> </tr> <tr> <td> TENSILE STRENGTH</td> <td>2000 lbf/in² (minimum)</td> </tr> <tr> <td> JACKET THICKNESS</td> <td>.010 inch (nominal)</td> </tr> <tr> <td> SHIELD COVERAGE</td> <td>90% (minimum)</td> </tr> <tr> <td>WEIGHT</td> <td>5.6 lbs/1000 ft. (nominal)</td> </tr> </table>	ADDITIONAL REQUIREMENTS		<u>ELECTRICAL</u>		CONDUCTOR RESISTANCE	116. ohms/1000 ft. (nominal)	INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.	JACKET FLAWS		SPARK TEST	1.0 kV (rms), 60 Hz	IMPULSE TEST	6.0 kV (peak)	VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms), (minimum)	<u>ENVIRONMENTAL</u>		AGING STABILITY	135°C/-55°C/2.50 inch mandrel	FLAMMABILITY	Method C	HEAT SHOCK	225°C	LOW TEMPERATURE- COLD BEND	-55°C/2.50 inch mandrel	VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), for 1 minute	<u>PHYSICAL</u>		INSULATION (DIELECTRIC)		ELONGATION	50% (minimum)	TENSILE STRENGTH	1000 lbf/in ² (minimum)	JACKET		ELONGATION	250% (minimum)	TENSILE STRENGTH	2000 lbf/in ² (minimum)	JACKET THICKNESS	.010 inch (nominal)	SHIELD COVERAGE	90% (minimum)	WEIGHT	5.6 lbs/1000 ft. (nominal)
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<p>Outer jacket color will be black (designated by a "0" appended to the part number, e.g., 7530A13114-0) unless otherwise specified.</p> <p>Designate outer jacket color with a dash number in accordance with MIL-STD-681.</p>																																																	