



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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SPECIFICATION CONTROL DRAWING

5022D5311

CHEMINAX

50 OHM, AWG 22, 19 STRANDS OF AWG 34, TRIAXIAL CABLE

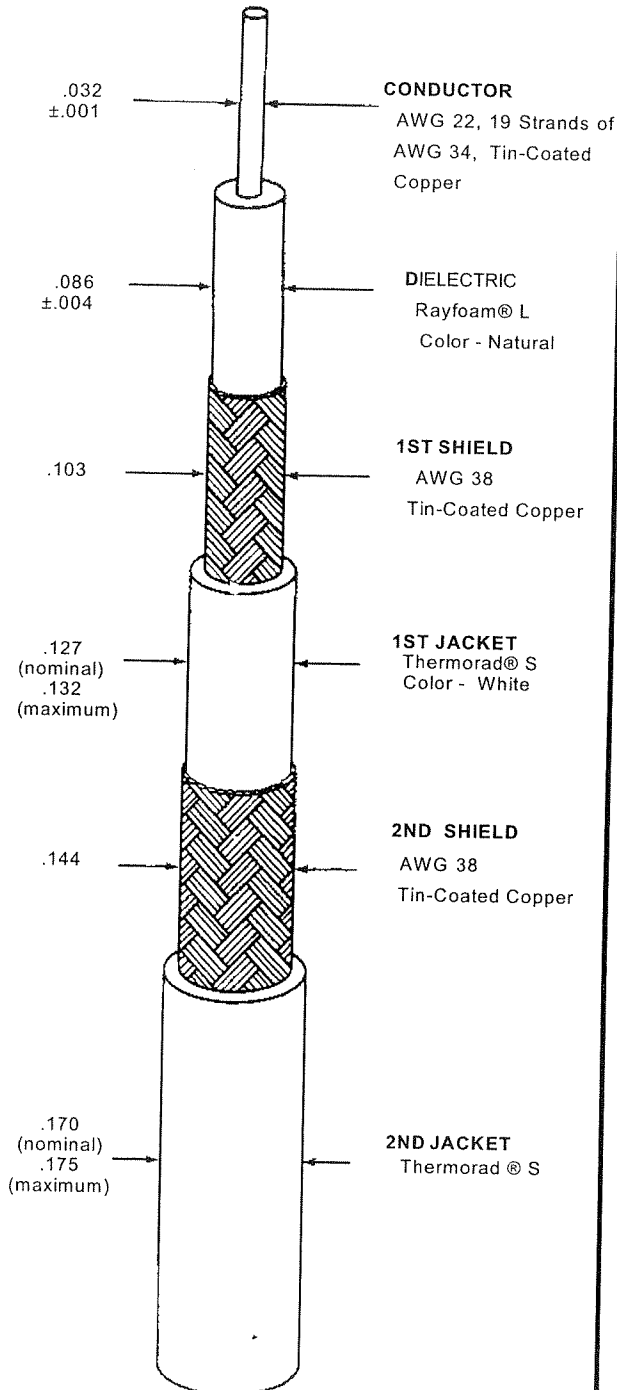
Date: 1-05-01

Revision: D

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.



ELECTRICAL CHARACTERISTICS

| | |
|------------------------------|--|
| CHARACTERISTIC IMPEDANCE | 50 ± 2 ohms, Method A |
| CAPACITANCE | 26.9 pF/ft. (nominal) |
| CAPACITANCE SHIELD TO SHIELD | 200 pF/ft. (nominal) (for reference only) |
| VELOCITY OF PROPAGATION | 76% (nominal) |
| ATTENUATION | 25 dB/100 ft. (maximum) at 400 MHz |

ADDITIONAL REQUIREMENTS

ELECTRICAL

| | |
|--------------------------------|--|
| CONDUCTOR RESISTANCE | 14.8 ohms/1000ft. (nominal) |
| INSULATION RESISTANCE | 10,000 megohms (minimum) for 1000 ft. |
| JACKET FLAWS | |
| SPARK TEST | 1.0 kV |
| IMPULSE TEST | 6.0 kV, (peak) |
| VOLTAGE WITHSTAND (DIELECTRIC) | |
| CONDUCTOR TO SHIELD | 1000 volts (minimum) |
| SHIELD TO SHIELD | 500 volts (minimum) |

ENVIRONMENTAL

| | |
|--|----------------------------|
| FLAMMABILITY | Method C |
| HEAT SHOCK | 225°C |
| LOW TEMPERATURE- COLD BEND | -55°C/4.50 inch mandrel |
| VOLTAGE WITHSTAND (POST ENVIRONMENTAL) | 1000 volts (rms), 1 minute |

PHYSICAL

| | |
|-------------------------|--|
| INSULATION (DIELECTRIC) | |
| ELONGATION | 50% (minimum) |
| TENSILE STRENGTH | 1000 lbf/in ² (minimum) |
| JACKET (EACH) | |
| ELONGATION | 250% (minimum) |
| TENSILE STRENGTH | 2000 lbf/in ² (minimum) |
| 1st JACKET THICKNESS | .012 inch (nominal) |
| 2nd JACKET THICKNESS | .010 inch (minimum) .013 inch (nominal) |
| SHIELD COVERAGE (EACH) | 90% (minimum) |

WEIGHT 22.4 lbs/1000 ft. (nominal)

Outer jacket color will be black (designated by a "-0" appended to the part number, e.g., 5022D5311-0) unless otherwise specified.

Designate outer jacket color with a dash in accordance with MIL-STD-681.

Raychem

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