



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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**CHEMINAX**

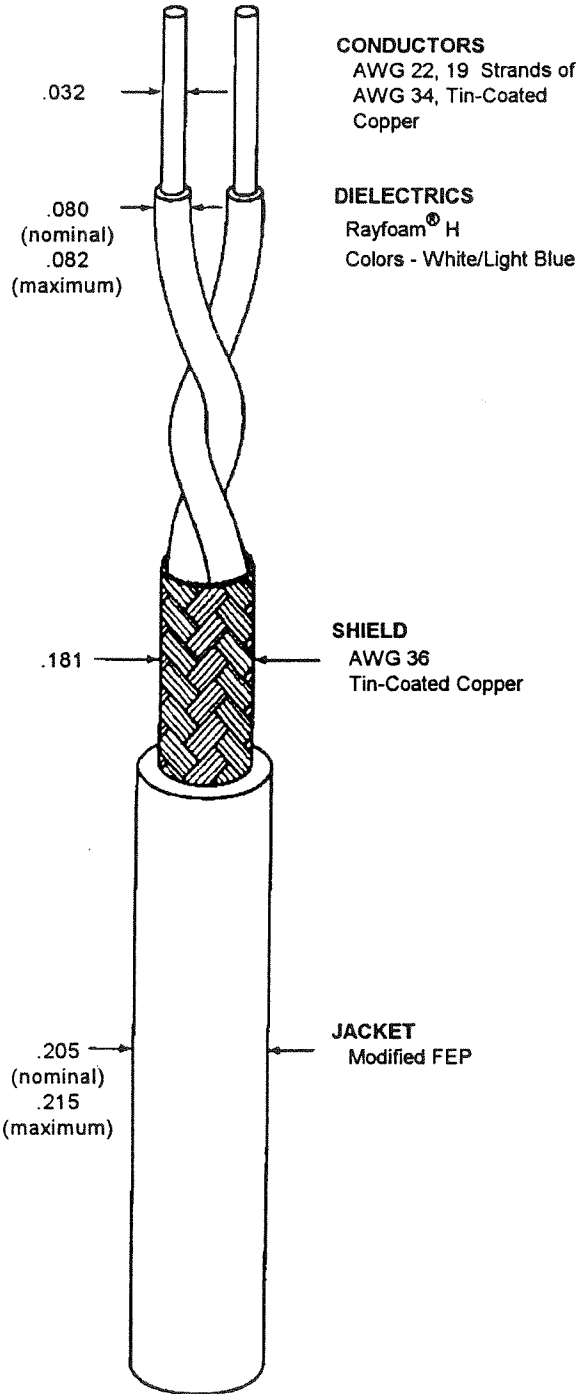
115 OHM, AWG 22, 19 STRANDS OF AWG 34,  
TWIN CONDUCTOR COAXIAL CABLE

Date: 6-28-96  
Revision: A

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 | 115 ohms (nominal), Method C, at 1 MHz    |
| CAPACITANCE - MUTUAL     | 12.5 pF/ft. (nominal)                     |
| - GROUNDED               | 24.0 pF/ft. (nominal) conductor to shield |
| VELOCITY OF PROPAGATION  | 79% (nominal)                             |

**ADDITIONAL REQUIREMENTS**

**ELECTRICAL**

|                                |                                       |
|--------------------------------|---------------------------------------|
| CONDUCTOR RESISTANCE           | 14.8 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)            |

**ENVIRONMENTAL**

|  |                               |
|--|-------------------------------|
| AGING STABILITY                        | 135°C/-55°C/5.50 inch mandrel |
| FLAMMABILITY                           | Method B                      |
| HEAT SHOCK                             | 225°C                         |
| LOW TEMPERATURE- COLD BEND             | -55°C/5.50 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 <sup>2</sup> (minimum)  |
| JACKET                                     |                                    |
| ELONGATION                                 | 200% (minimum)                     |
| TENSILE STRENGTH                           | 2000 lbf/in <sup>2</sup> (minimum) |
| JACKET THICKNESS                           | .012 inch (nominal)                |
| SHIELD COVERAGE                            | 90% (minimum)                      |

|        |                             |
|--------|-----------------------------|
| WEIGHT | 25.9 lbs/1000 ft. (nominal) |
|--------|-----------------------------|

Outer jacket will be transparent white (designated by a "-9X" appended to the part number, e.g., 1522E0421-9X) unless otherwise specified.

Designate outer jacket color with a dash number 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.