



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**

50 OHM, AWG 18, 19 STRANDS OF AWG 30, COAXIAL CABLE

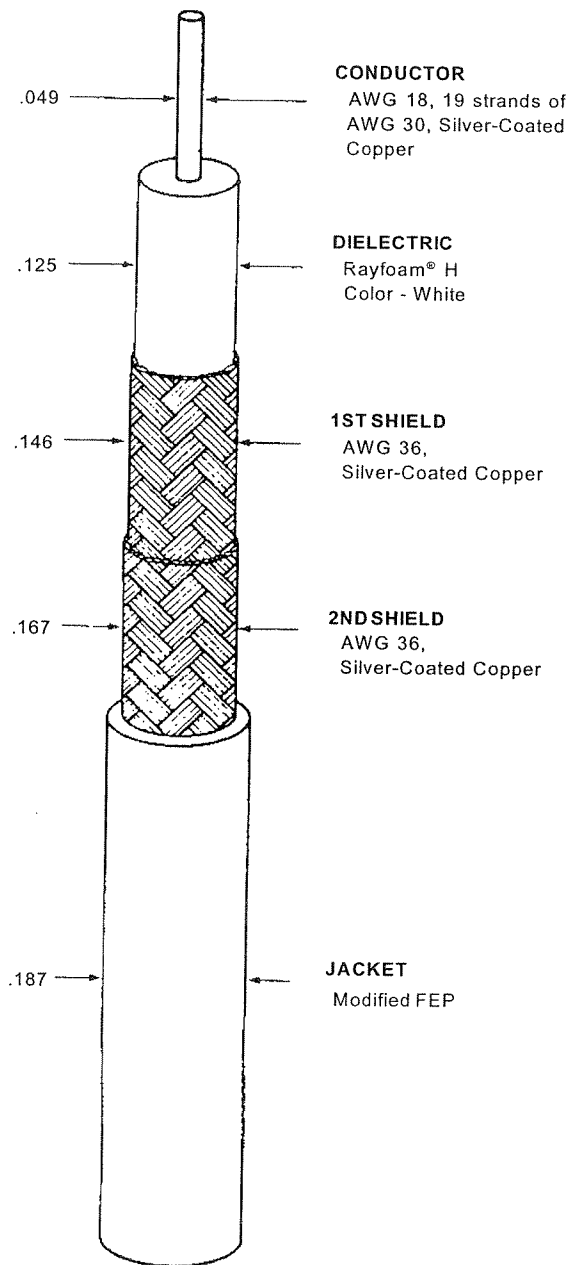
Date: 09-21-00

Revision: G

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	25.0 pF/ft. (nominal)
VELOCITY OF PROPAGATION	80% (nominal)
ATTENUATION	9.2 dB/100 ft max at 400 MHz 16.5 dB/100 ft max at 1000 MHz 35.0 dB/100 ft max at 3000 MHz 51.0 dB/100 ft max at 5000 MHz

**ADDITIONAL REQUIREMENTS**

**ELECTRICAL**

CONDUCTOR RESISTANCE	5.64 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	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/5.00 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms) for 1 minute

**PHYSICAL**

INSULATION (DIELECTRIC) ELONGATION	50% (minimum)
TENSILE STRENGTH JACKET	600 lbf/in <sup>2</sup> (minimum)
ELONGATION	200% (minimum)
TENSILE STRENGTH	2000 lbf/in <sup>2</sup> (minimum)
JACKET THICKNESS	.010 inch (nominal)
SHIELD COVERAGE (each)	90% (minimum)

WEIGHT	37.4 lbs/1000 ft. (nominal)
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Outer jacket color will be translucent white (designated by a "-9X" appended to the part number, e.g 5018A3022-9X) unless otherwise specified.

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

