



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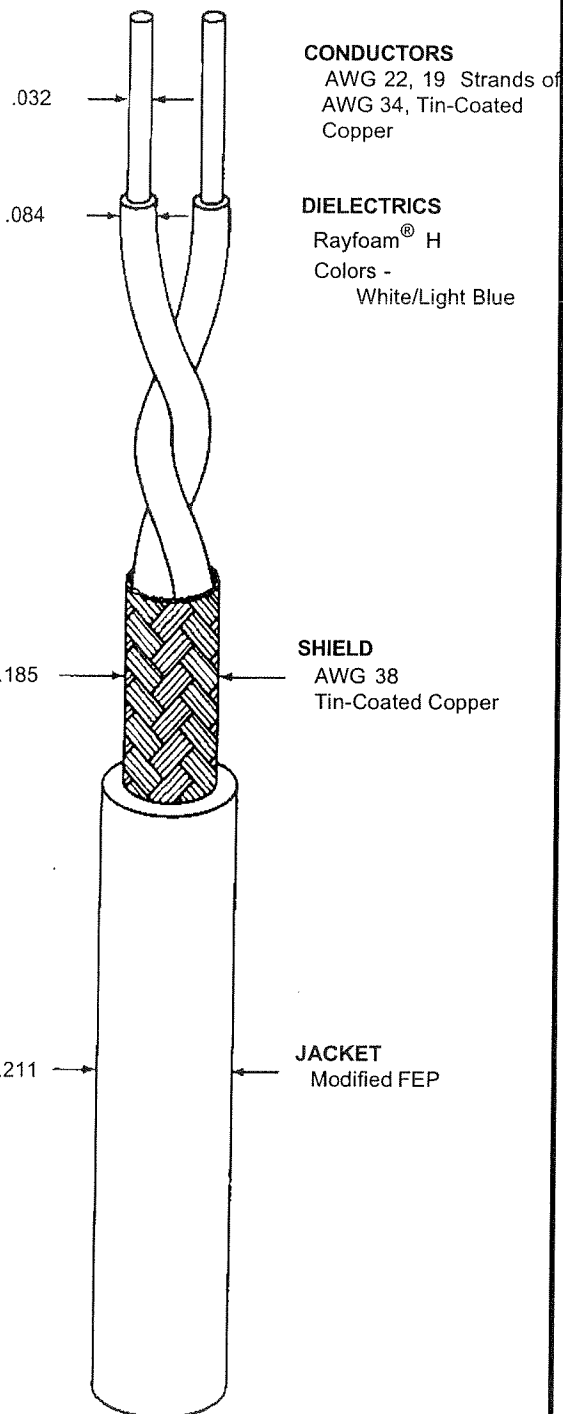
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE	120 ± 18 ohms, Method C at 60 KHz
CAPACITANCE - MUTUAL	12.5 pF/ft. (nominal)
VELOCITY OF PROPAGATION	77% (nominal)



CONDUCTORS
AWG 22, 19 Strands of
AWG 34, Tin-Coated
Copper

DIELECTRICS
Rayfoam® H
Colors -
White/Light Blue

SHIELD
AWG 38
Tin-Coated Copper

JACKET
Modified FEP

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)
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/6.00 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) (Prior to cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	600 lb/in ² (minimum)
JACKET	
ELONGATION	200% (minimum)
TENSILE STRENGTH	2000 lb/in ² (minimum)
JACKET THICKNESS	.013 inch (nominal)
SHIELD COVERAGE	90% (minimum)

WEIGHT	27.8 lbs/1000 ft. (nominal)
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Outer jacket will be transparent white (designated by a "-9X" appended to the part number, e.g., 2022E0421-9X) unless otherwise specified.
Designate outer jacket color with a dash number in accordance with MIL-STD-681.