

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!



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SPECIFICATION CONTROL DRAWING

CHEMINAX

.195

±.005

50 OHM, AWG 21, 19 STRANDS OF AWG 33, COAXIAL CABLE

Date	7-10-08
Revision	L

5021F1031

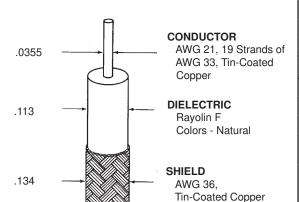
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A CAPACITANCE 30.7 pF/ft. (nominal) VELOCITY OF PROPAGATION 66% (nominal)



JACKET

Modified FEP

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE 11.7 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/5.50 inch mandrel

VOLTAGE WITHSTAND (Post Environmental)

1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION TENSILE STRENGTH 200% (minimum) 1800 lbf/in² (minimum)

JACKET

ELONGATION TENSILE STRENGTH JACKET THICKNESS 200% (minimum) 2000 lbf/in² (minimum) .030 inch (nominal)

SHIELD COVERAGE 90% (minimum)

Outer jacket color will be translucent white (designated by a "-9X" appended to the part number, e.g. 5021F1031-9X) unless otherwise specified.

Designate outer jacket color with a dash number in accordance with MIL-STD-681. Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.

WEIGHT 29.7 lbs/1000 ft. (nominal)

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

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