

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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







09-16-03

Τ

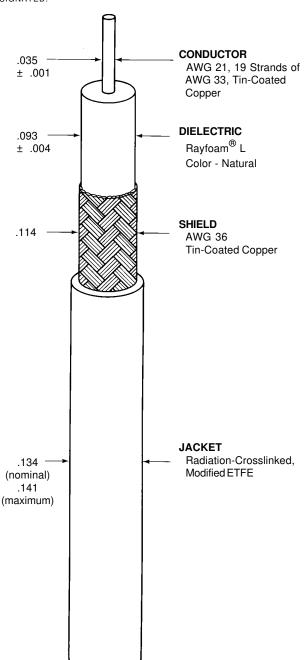


50 OHM, AWG 21, 19 STRANDS OF AWG 33, **COAXIAL CABLE** Revision:

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.



Outer jacket color will be black (designated by a "-0" appended to the part number, e.g., 5021K1011-0) 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.

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A

CAPACITANCE 25.0 pF/ft. (minimum)

30.0 pF/ft. (maximum)

Date:

VELOCITY OF PROPAGATION 76% (nominal)

ATTENUATION 15.5 dB/100 ft. (maximum)

at 400 MHz

ADDITIONAL **REQUIREMENTS**

ELECTRICAL

CONDUCTOR RESISTANCE 11.7 ohms/1000ft. (nominal) **INSULATION RESISTANCE** 10,000 megohms (minimum)

for 1000 ft.

JACKET FLAWS SPARKTEST 1.0 kV, **IMPULSETEST** 6.0 kV (peak) **VOLTAGE WITHSTAND** 1000 volts (minimum)

(DIELECTRIC)

VSWR FREQUENCY (Mhz) **STRUCTURAL**

RETURN LOSS (db)

41 - 88 22 (minimum) 90 - 136 22 (minimum) 162 - 230 22 (minimum) When terminated with an approved

connector

ENVIRONMENTAL

FLAMMABILITY Method B **HEAT SHOCK**

LOWTEMPERATURE--55°C/3.75 inch mandrel

COLD BEND

SKYDROL RESISTANCE 24 hours at 50 ± 1°C, change in O.D.

of 5% (maximum)

VOLTAGE WITHSTAND

(POST ENVIRONMENTAL) 1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION 50% (minimum) 1000 lbf/in² (minimum) **TENSILE STRENGTH**

JACKET

ELONGATION 50% (minimum) 5000 lbf/in2 (minimum) **TENSILESTRENGTH JACKET THICKNESS** .008 inch (minimum) **SHIELD COVERAGE** 90% (minimum)

PRODUCT IDENTIFICATION: The cable shall be marked in a contrasting color at 6 inch (minimum), 12 inch (maximum) intervals between marks as

"5021K1011 06090" follows:

WEIGHT 15.0 lbs/1000 ft. (maximum)

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, where the compliance with any specification, where the compliance with any specification.

