



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!



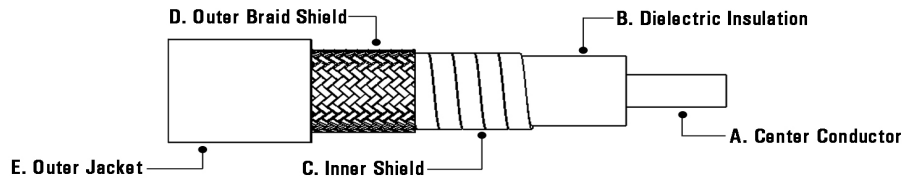
## Contact us

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**Construction / Mechanical Specification**

Section	Material	Dimensions	
A. Center Conductor	Silver Plated Copper (ASTM B298)	0.0201 in	0.5105 mm
B. Dielectric Insulation	PFA (High Purity)	0.0650 in	1.651 mm
C. Inner Shield	Silver Plated Copper (ASTM B298)	N/A	N/A
D. Outer Braid Shield	Silver Plated Copper (ASTM B298)	0.085 in	2.159 mm
E. Outer Jacket	FEP (MIL-DTL-17, Type IX)	0.101 in	2.565 mm

Minimum Static Bend Radius (<math><0.5\Omega</math>)	0.30 in	7.62 mm
Cable Weight <sup>1</sup>	13.0 lbs/kft	19.36 kg/km
Material Flammability Rating	V-0 (UL 1354)	
Operating Temperature	-85°F - 329°F	-65°C - 165°C

**Electrical Specification**

Characteristic Impedance	$50 \Omega \pm 1 \Omega$	
Time Delay	$1.450 \pm 0.010$ ns/ft	$4.757 \pm 0.033$ ns/m
Velocity of Propagation <sup>1</sup>	70.0%	
Capacitance <sup>1</sup>	29.0 pF/ft	95.1 pF/m
Cut off Frequency <sup>1</sup>	62 GHz	
Shielding Effectiveness (Static) <sup>1</sup>	>100 dB	

<sup>1</sup>Typical/Nominal Values

**Attenuation vs. Frequency**

Frequency (GHz)	(dB / ft)	(dB / m)
1	0.20	0.66
4	0.43	1.41
8	0.63	2.07
18	1.01	3.31
26	1.25	4.10
34	1.50	4.92
40	1.65	5.41
50	1.90	6.23

