



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

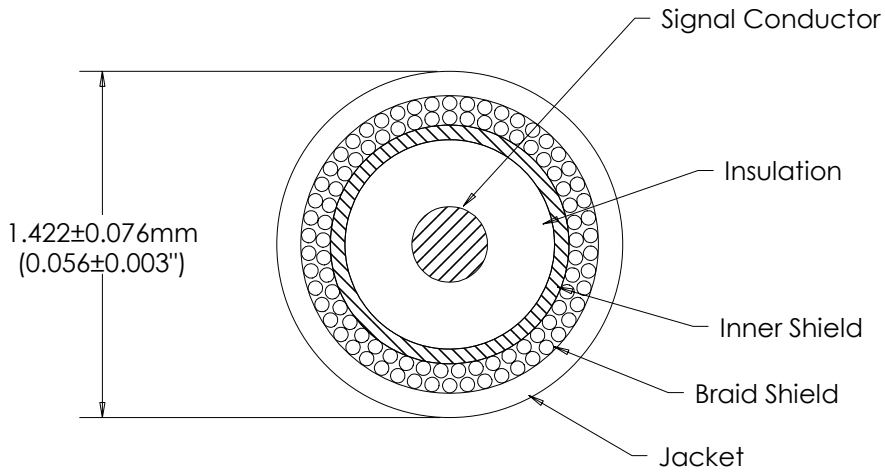
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TITLE	PART No.	REV	PAGE
Flexible Microwave Coax, Foamed Dielectric, 28 AWG	<b>1001935047</b>	B	1 of 1



### CONSTRUCTION

Signal Conductor: 0.320±0.0025mm (0.0126±0.0001"), Silver Plated Copper per ASTM B-298  
 Insulation: Foamed Fluoropolymer, 0.914±0.018mm (0.0360±0.0007") OD  
 Inner Shield: Helically Overlapped Flat Silver Plated Copper per ASTM B-298  
 Braid Shield: 46 AWG Silver Plated Copper per ASTM B-298, >89% Coverage Ref.  
 Overall Shield Diameter: 1.168±0.051mm (0.046±0.002")  
 Jacket: FEP in accordance with MIL-DTL-17, Type IX  
 Wall Thickness: 0.127mm (0.005") Wall Thickness  
 Color: Blue (Tint)

### ELECTRICAL

Impedance: 50±1 ohms  
 Propagation Delay: 4.236±0.026 ns/m (1.291±0.008 ns/ft)  
 Velocity of Propagation: 78.7% Ref.  
 Capacitance: 84.71 pF/m (25.82 pF/ft) Ref.

### MECHANICAL

Operating Temperature: -65°C to 150°C Ref.  
 Min. Static Bend Radius: 6.35mm (0.25") Ref.

Freq (GHz)	Max. Attenuation* (dB/100 ft)	Max. Power* (CW)
1	33.48	49.3
2	47.74	34.6
4	68.30	24.2
8	98.15	16.9
12	121.69	13.6
18	151.24	11.0
26.5	186.63	8.9
34	214.06	7.8
40	234.26	7.1
50	265.44	6.3
Attn=K1 x SQRT(F MHz)+K2 x(F MHz)		
K1=1.0376		K2=0.000669
* 23°C and Sea Level		



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	A	4581	Preliminary Release.	KP	8/4/15
	B	4802	Revision to B. Update Insulation OD, VP%, Capacitance Add Mechanical Section, Attenuation Chart, Prop. Delay	KP	1/27/16