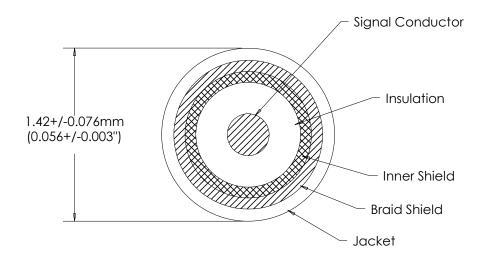


TITLE	PART No.	REV	PAGE
Low Loss Microwave Coax, 29 AWG, PFA Dielectric	1000671047	В	1 of 1



CONSTRUCTION

Signal Conductor: 0.287+/-0.0025mm (0.0113+/-0.0001"), Silver Plated Copper per ASTM B-298 Insulation: PFA per applicable paragraph MIL-DTL-17, 0.92+/-0.025mm (0.0363+/-0.001") 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+/-0.05mm (0.046+/-0.002") Jacket: FEP in accordance with MIL-DTL-17, Type IX

Wall Thickness: 0.127mm (0.005")

Color: Blue

ELECTRICAL

Impedance: 50+/-1 ohms

Velocity Of Propagation: 70% Ref. Capacitance: 29 pF/ft (95 pF/m) Ref.

GENERAL

Temperature Rating: -65C to 150C (200C Static) Ref.

Static Bend Radius: 5.0mm (0.2") Ref. Dynamic Bend Radius: 10.0mm (0.4") Ref.

Weight: 3.5 lbs/1000ft Ref.

Frequency (GHz)	Attenuation (dB/100ft)		
0.5	23.37		
1.0	33.54		
2	48.41		
4	70.42		
8	103.50		
12	130.43		
18	165.27		
26	205.90		
34	242.57		
40	268.31		
50	308.79		
Att.=K1*SQRT(F MHz)+K2*F MHz			
K1=1.008	K2=0.00167		

This document is the	Rev	DCR	Description	App'd	Date
property of TEMP-FLEX. It may not be disclosed, reproduced, or otherwise	Α	4019	Update Primary Insulation P/N.	KP	9/10/14
	В	4634	Update Dimensions, Opt. Temp., Add Attenuation Chart	KP	9/1/15

Address: 26 Milford Road, South Grafton, MA 01560 Phone: (508)-839-5987 Fax: (508)-839-4128