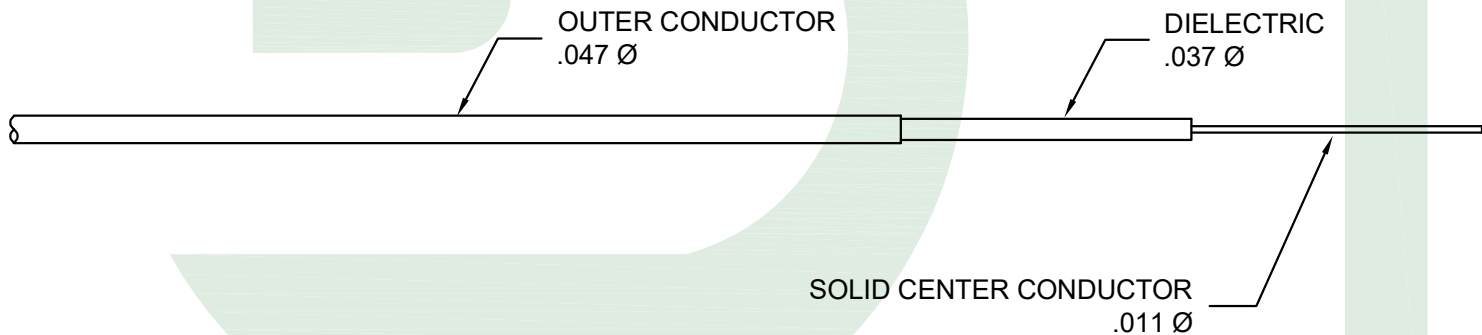


MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-40°C TO +100°C
MAX OPERATING VOLTAGE (VOLTS RMS)	1,000
NOMINAL CAPACITANCE (PF/FOOT)	29.0
VELOCITY OF PROPAGATION	69.5%
CUT OFF FREQUENCY	107 GHz
MINIMUM BEND RADIUS	.125"
PHYSICAL CHARACTERISTICS	
AWG	29
OUTER CONDUCTOR MATERIAL	BARE COPPER [BC]
DIELECTRIC MATERIAL	POLYTETRAFLUOROETHYLENE [PTFE] SOLID
CENTER CONDUCTOR MATERIAL	SILVER PLATED COPPER COVERED STEEL [SPCCS]
CENTER CONDUCTOR DIAMETER	.011"
DIELECTRIC DIAMETER	.037"
OUTER DIAMETER	.047"
NOMINAL ATTENUATION (PER 100 FEET)	
500 MHz	28.0 dB
1 GHz	40.0 dB
5 GHz	90.0 dB
10 GHz	130.0 dB
20 GHz	190.0 dB
MAXIMUM POWER HANDLING	
500 MHz	45 WATTS
1 GHz	32 WATTS
5 GHz	13 WATTS
10 GHz	9 WATTS
18 GHz	6.5 WATTS



**BRACKE**  
Bracke Manufacturing, LLC



**Bracke Manufacturing, LLC**  
PO Box 12319  
Newport Beach, Ca 92658  
Phone (949)756-1600 / Fax (949) 756-1601  
sales@brackemfg.com / www.brackemfg.com

Part Number		Description	CAGE / NAGE	
Semi-Rigid 047			6LOW2	
			Scale	Unit
			3:1	Inches
Produced By	Checked By	Notes	Date	Revision
002	013	<ul style="list-style-type: none"><li>• Bracke Manufacturing, LLC reserves the right to change any specifications at any time in its sole discretion without notice.</li><li>• The depiction above was produced by and is the sole property of Bracke Manufacturing, LLC and may not be copied or reproduced in any manner without Bracke's prior written consent.</li></ul> ©2020 Bracke Manufacturing, LLC	11/26/2013	A-01