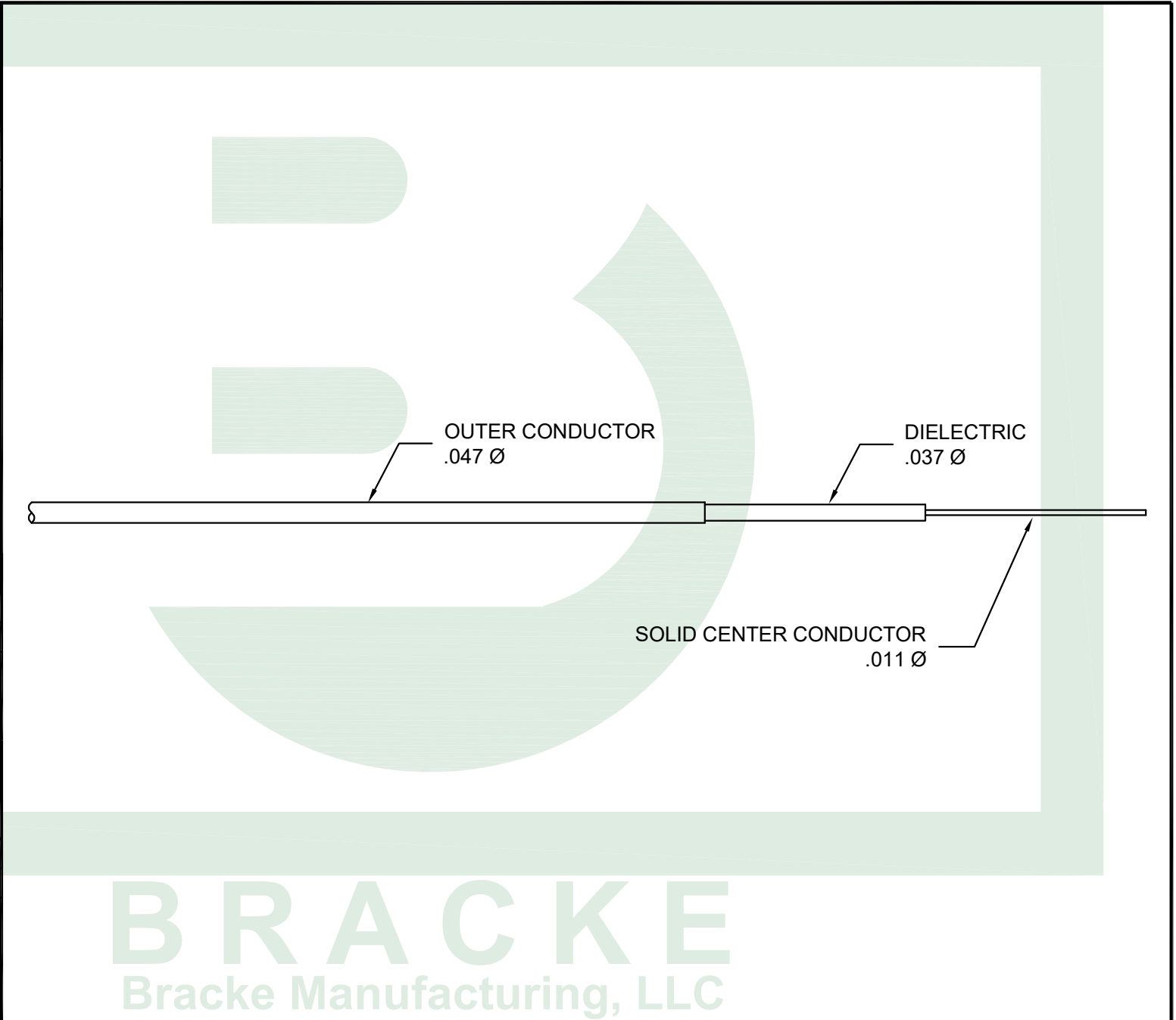



MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-55°C TO +100°C
MAX OPERATING VOLTAGE (VOLTS RMS)	1,000
NOMINAL CAPACITANCE (PF/FOOT)	29.0
VELOCITY OF PROPAGATION	69.5%
CUT OFF FREQUENCY	107 GHz
MINIMUM BEND RADIUS	.050"
PHYSICAL CHARACTERISTICS	
AWG	29
OUTER CONDUCTOR MATERIAL	TIN PLATED ALUMINUM [TPA]
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



 <b>Bracke Manufacturing, LLC</b> 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-Alum			6LOW2	
	Produced By	Checked By	Notes	Scale	Unit
	002	013		3:1	Inches
				Date	Revision
			<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> <div>©2020 Bracke Manufacturing, LLC</div>	11/26/2013	A-01