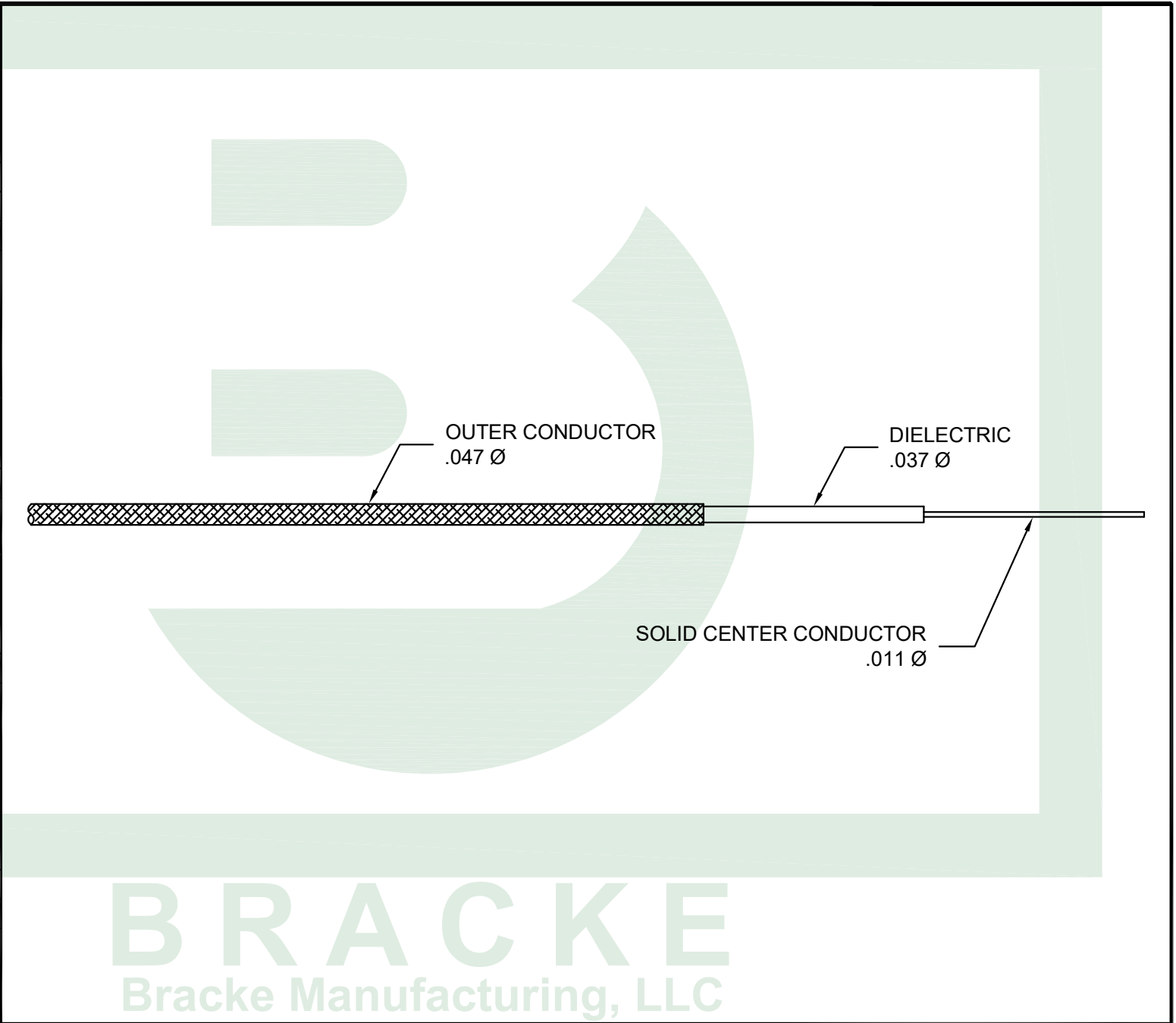



MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-70°C TO +200°C
MAX OPERATING VOLTAGE (VOLTS RMS)	1,000
NOMINAL CAPACITANCE (PF/FOOT)	32.0
VELOCITY OF PROPAGATION	69.5%
CUT OFF FREQUENCY	107 GHz
MINIMUM BEND RADIUS	.125"

PHYSICAL CHARACTERISTICS	
AWG	29
SHIELD COVERAGE	100 %
OUTER CONDUCTOR MATERIAL	COPPER TIN COMPOSITE [CTC]
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	25.0 dB
1 GHz	35.8 dB
3 GHz	63.8 dB
5 GHz	84.6 dB
10 GHz	128.0 dB
15 GHz	148.8 dB
20 GHz	203.8 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 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-Flex			6LOW2	
	Produced By	Checked By	Notes <ul style="list-style-type: none">• Bracke Manufacturing, LLC reserves the right to change any specifications at any time in its sole discretion without notice.• 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. ©2020 Bracke Manufacturing, LLC	Scale	Unit
	002	013		3:1	Inches
				Date	Revision
		11/26/2013	A-01		