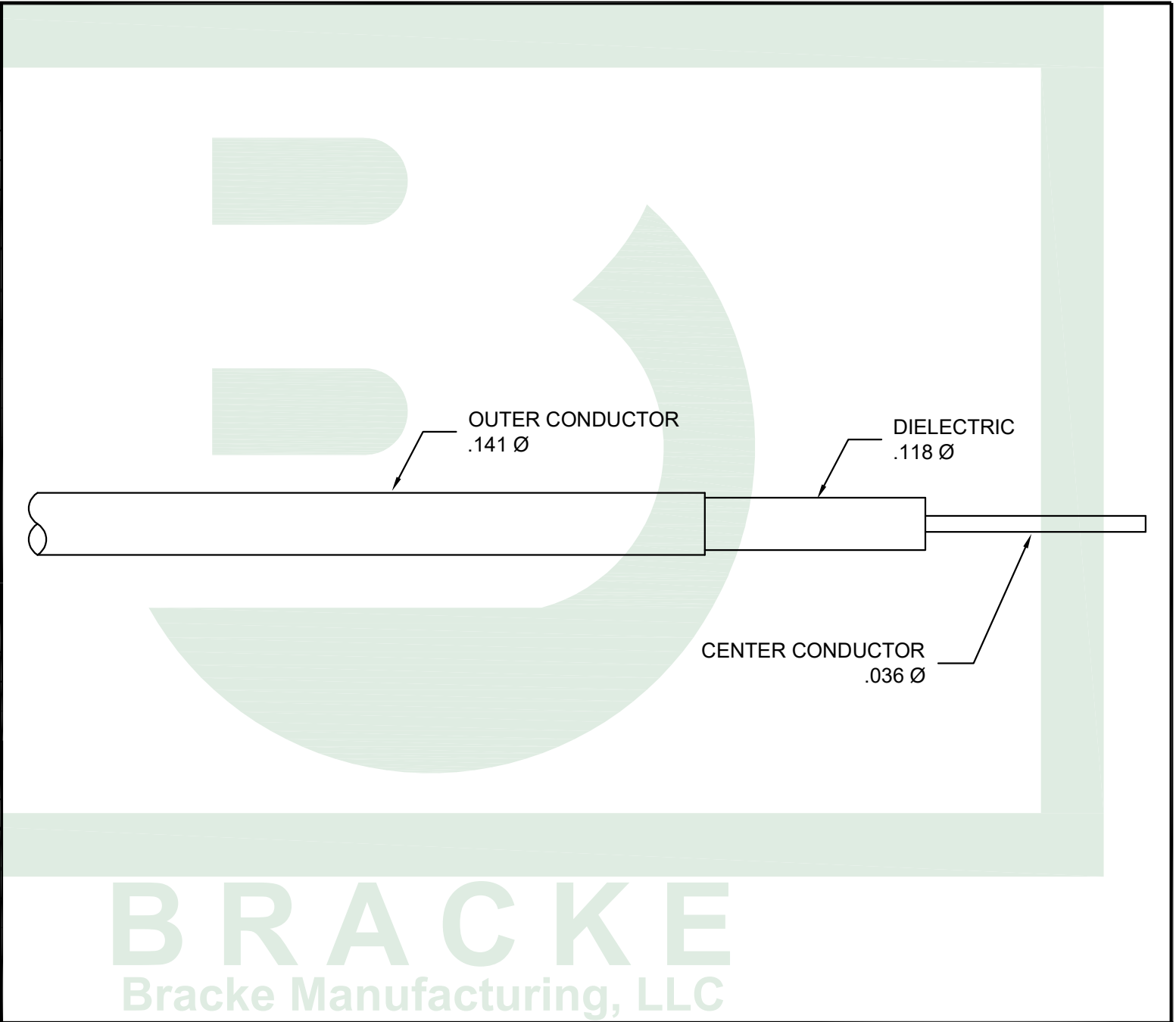



MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-40°C TO +125°C
MAX OPERATING VOLTAGE (VOLTS RMS)	2,500
NOMINAL CAPACITANCE (PF/FOOT)	29.4
VELOCITY OF PROPAGATION	69.5%
MAXIMUM OPERATING FREQUENCY	33.0 GHz
MINIMUM BEND RADIUS	.125"

PHYSICAL CHARACTERISTICS	
AWG	19
OUTER CONDUCTOR MATERIAL	TIN PLATED ALUMINUM [TPA]
DIELECTRIC MATERIAL	POLYTETRAFLUORORTHYLENE [PTFE]
CENTER CONDUCTOR MATERIAL	SILVER PLATED COPPER COVERED STEEL [SPCCS]
CENTER CONDUCTOR DIAMETER	.036"
DIELECTRIC DIAMETER	.118"
OUTER DIAMETER	.141"

NOMINAL ATTENUATION (PER 100 FEET)	
500 MHz	8.0 dB
1 GHz	12.0 dB
5 GHz	28.5 dB
10 GHz	44.0 dB
18 GHz	62.0 dB
20 GHz	67.0 dB

MAXIMUM POWER HANDLING	
500 MHz	600 WATTS
1 GHz	450 WATTS
5 GHz	180 WATTS
10 GHz	120 WATTS
20 GHz	70 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	
	RG402-Alum			6LOW2	
	Produced By	Checked By	Notes	Scale	Unit
	002	013		3:1	Inches
				Date	Revision
		<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. <div>©2020 Bracke Manufacturing, LLC</div>	07/09/2018	A-01	