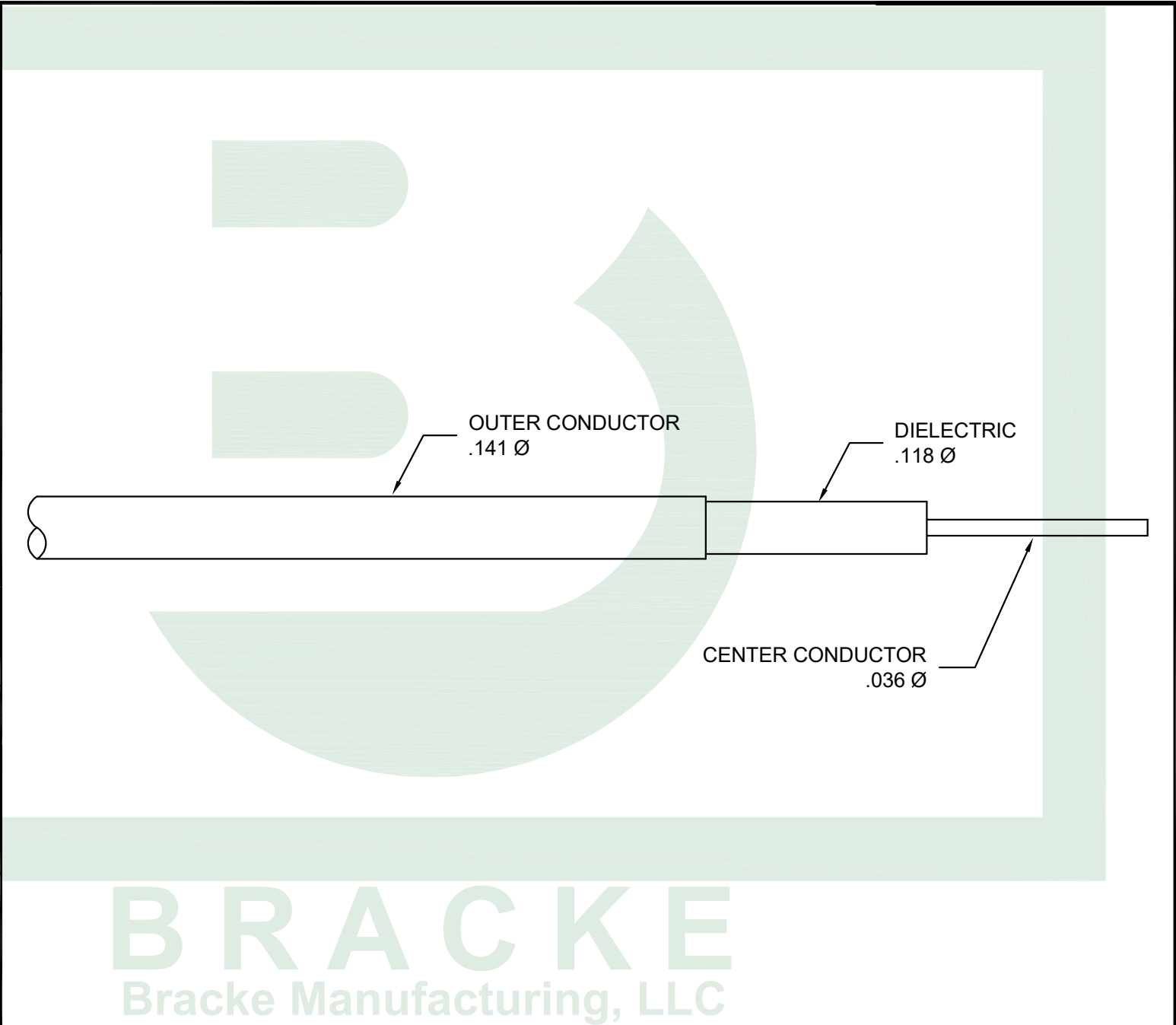



MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-40°C TO +125°C
MAX OPERATING VOLTAGE (VOLTS RMS)	2,500
NOMINAL CAPACITANCE (PF/FOOT)	29.4
VELOCITY OF PROPAGATION	69.5%
MAXIMUM OPERATING FREQUENCY	33 GHz
MINIMUM BEND RADIUS	.250"
PHYSICAL CHARACTERISTICS	
AWG	19
OUTER CONDUCTOR MATERIAL	BARE COPPER [BC]
DIELECTRIC MATERIAL	POLYTETRAFLUOROETHYLENE [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



 <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	
	RG402/U			6LOW2	
	Produced By		Notes	Scale	Unit
	Checked By			3:1	Inches
	002			Date	Revision
	013			07/09/2018	A-01
		<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> <p>©2020 Bracke Manufacturing, LLC</p>			