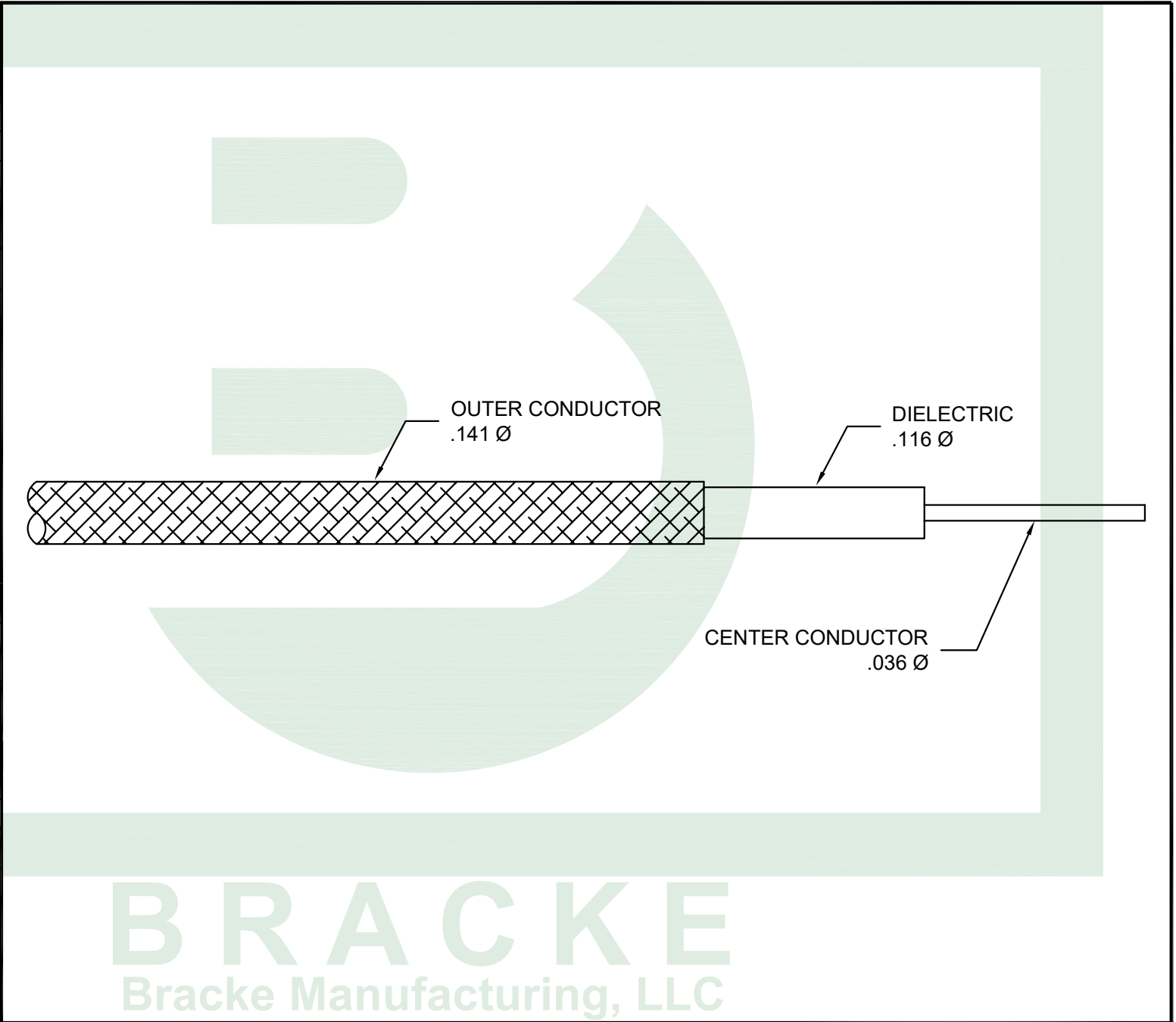



MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-70°C TO +200°C
MAX OPERATING VOLTAGE (VOLTS RMS)	1,900
NOMINAL CAPACITANCE (PF/FOOT)	29.5
VELOCITY OF PROPAGATION	69.5%
MAXIMUM OPERATING FREQUENCY	20 GHz
MINIMUM BEND RADIUS	.250"

PHYSICAL CHARACTERISTICS	
AWG	19
SHIELD COVERAGE	100 %
NUMBER OF SHIELDS	2
OUTER CONDUCTOR MATERIAL	TIN FILLED COMPOSITE [TFC] COPPER FOIL [CF]
DIELECTRIC MATERIAL	POLYTETRAFLUOROETHYLENE [PTFE]
CENTER CONDUCTOR MATERIAL	SILVER PLATED COPPER COVERED STEEL [SPCCS]
CENTER CONDUCTOR DIAMETER	.036"
DIELECTRIC DIAMETER	.116"
OUTER DIAMETER	.141"

NOMINAL ATTENUATION (PER 100 FEET)	
500 MHz	8.0 dB
1 GHz	12.0 dB
5 GHz	30.0 dB
10 GHz	45.0 dB
18 GHz	66.0 dB
20 GHz	70.0 dB

MAXIMUM POWER HANDLING	
500 MHz	600 WATTS
1 GHz	450 WATTS
5 GHz	180 WATTS
10 GHz	120 WATTS



 <div><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</div>	Part Number		Description	CAGE / NAGE	
	RG402-Flex			6LOW2	
	Produced By	Checked By	Notes	Scale	Unit
	002	013		3:1	Inches
				Date	Revision
		<div><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> <div>©2020 Bracke Manufacturing, LLC</div>	07/09/2018	A-01	