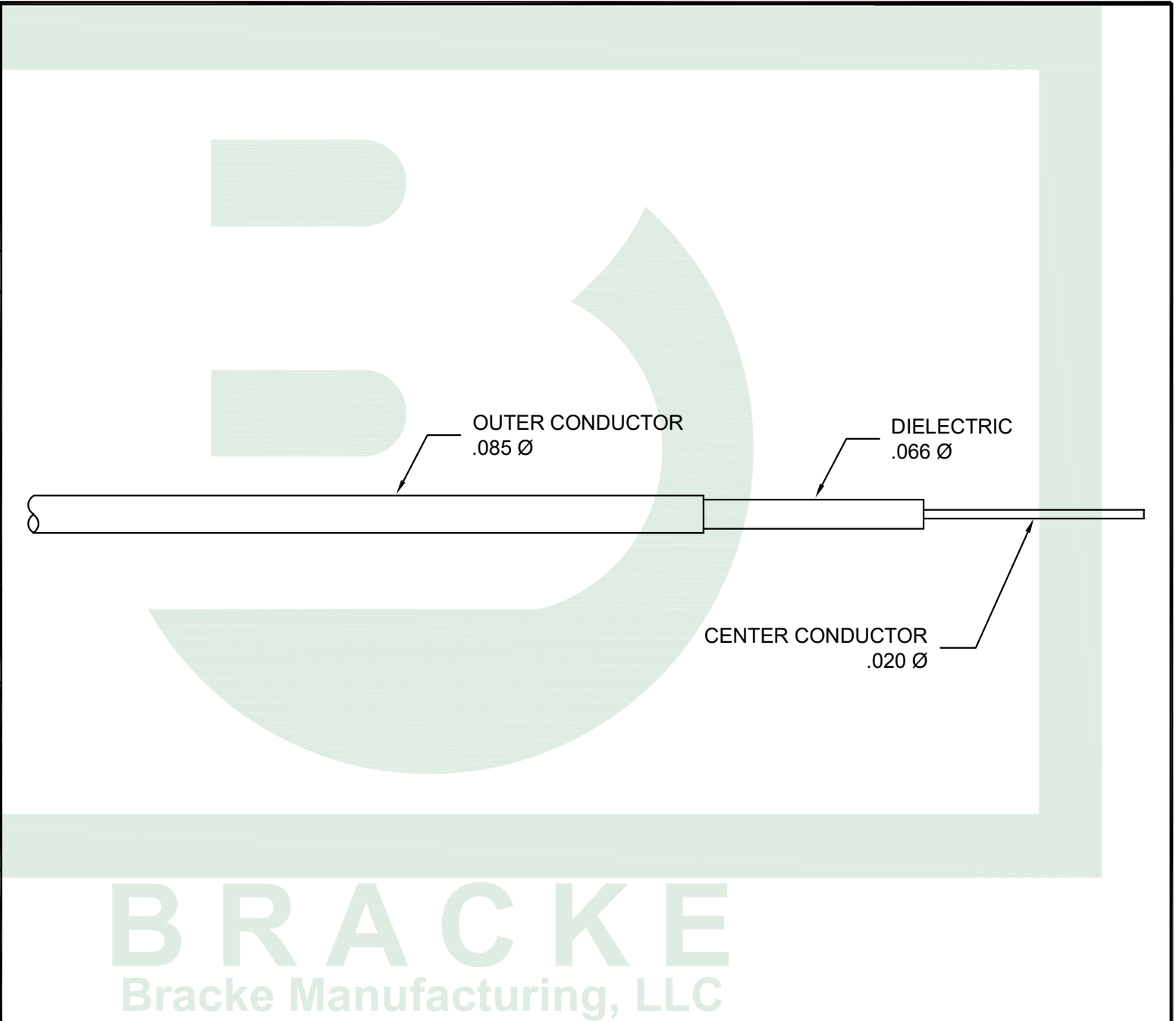



MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-40°C TO +125°C
MAX OPERATING VOLTAGE (VOLTS RMS)	1,500
NOMINAL CAPACITANCE (PF/FOOT)	29.4
VELOCITY OF PROPAGATION	69.5%
MAXIMUM OPERATING FREQUENCY	20 GHz
MINIMUM BEND RADIUS	.125"
PHYSICAL CHARACTERISTICS	
AWG	24
OUTER CONDUCTOR MATERIAL	BARE COPPER [BC]
DIELECTRIC MATERIAL	POLYTETRAFLUOROETHYLENE [PTFE]
CENTER CONDUCTOR MATERIAL	SILVER PLATED COPPER COVERED STEEL [SPCCS]
CENTER CONDUCTOR DIAMETER	.020"
DIELECTRIC DIAMETER	.066"
OUTER DIAMETER	.085"
NOMINAL ATTENUATION (PER 100 FEET)	
500 MHz	13.0 dB
1 GHz	19.0 dB
5 GHz	46.0 dB
10 GHz	68.0 dB
20 GHz	104.0 dB
MAXIMUM POWER HANDLING	
500 MHz	180 WATTS
1 GHz	130 WATTS
5 GHz	54 WATTS
10 GHz	35 WATTS
20 GHz	20 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	
	RG405/U			6LOW2	
	Produced By	Checked By	Notes	Scale	Unit
	002	013		3:1	Inches
				Date	Revision
				07/09/2018	A-01