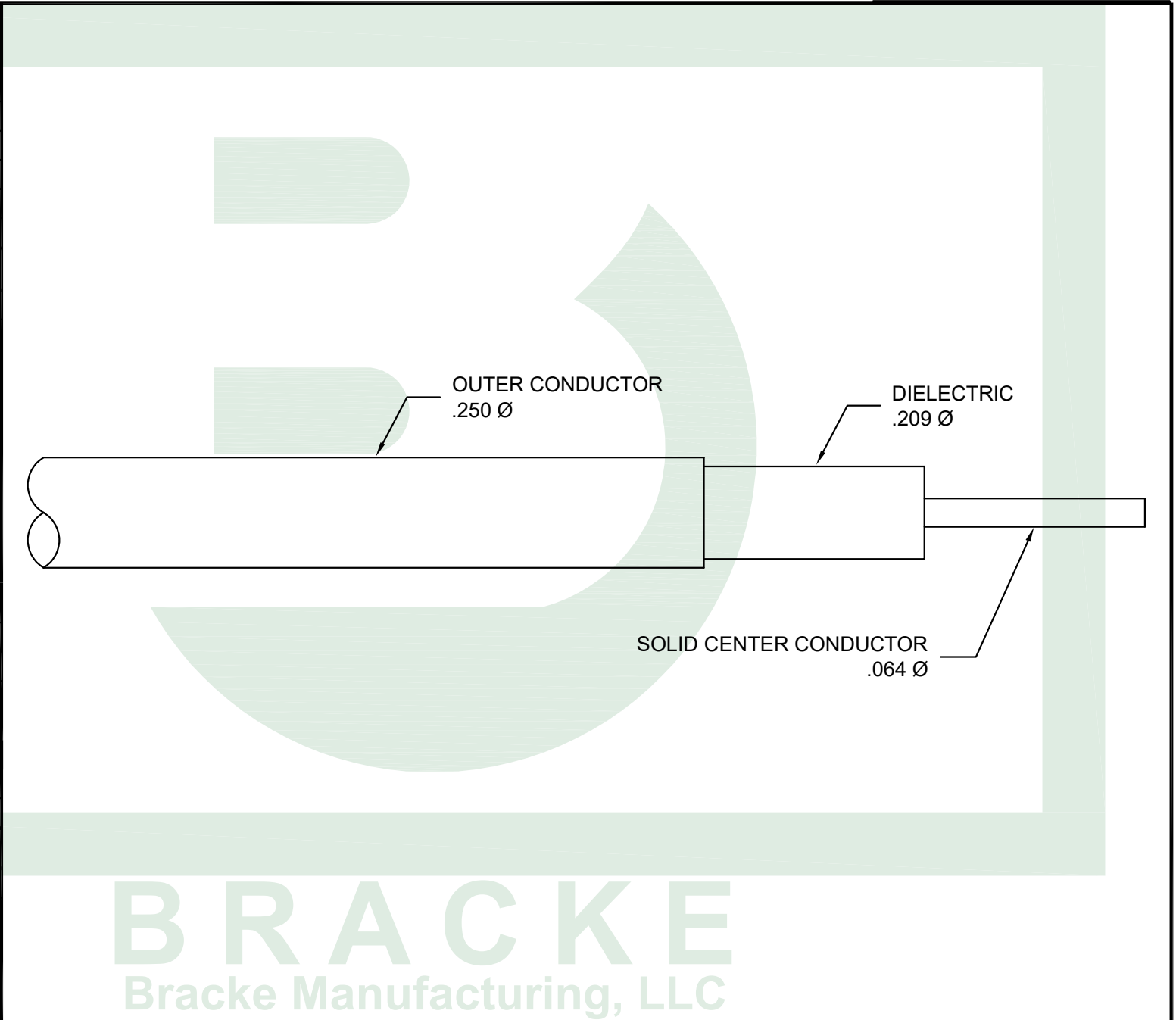



MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-40°C TO +90°C
MAX OPERATING VOLTAGE (VOLTS RMS)	3,000
NOMINAL CAPACITANCE (PF/FOOT)	29.0
VELOCITY OF PROPAGATION	69.5%
MAX OPERATING FREQUENCY	18 GHz
MINIMUM BEND RADIUS	.375"
PHYSICAL CHARACTERISTICS	
AWG	14
OUTER CONDUCTOR MATERIAL	BARE COPPER [BC]
DIELECTRIC MATERIAL	POLYTETRAFLUOROETHYLENE [PTFE] SOLID
CENTER CONDUCTOR MATERIAL	SILVER PLATED COPPER [SPC]
CENTER CONDUCTOR DIAMETER	.064"
DIELECTRIC DIAMETER	.209"
OUTER DIAMETER	.250"
NOMINAL ATTENUATION (PER 100 FEET)	
100 MHz	2.5 dB
1 GHz	7.5 dB
5 GHz	26.1 dB
10 GHz	33.0 dB
18 GHz	48.0 dB
MAXIMUM POWER HANDLING	
10 MHz	11,000 WATTS
100 MHz	3,200 WATTS
1 GHz	870 WATTS
5 GHz	330 WATTS
10 GHz	190 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	
	RG401/U			6LOW2	
	Produced By	Checked By	Notes	Scale	Unit
	002	013		3:1	Inches
				Date	Revision
				11/26/2013	A-01