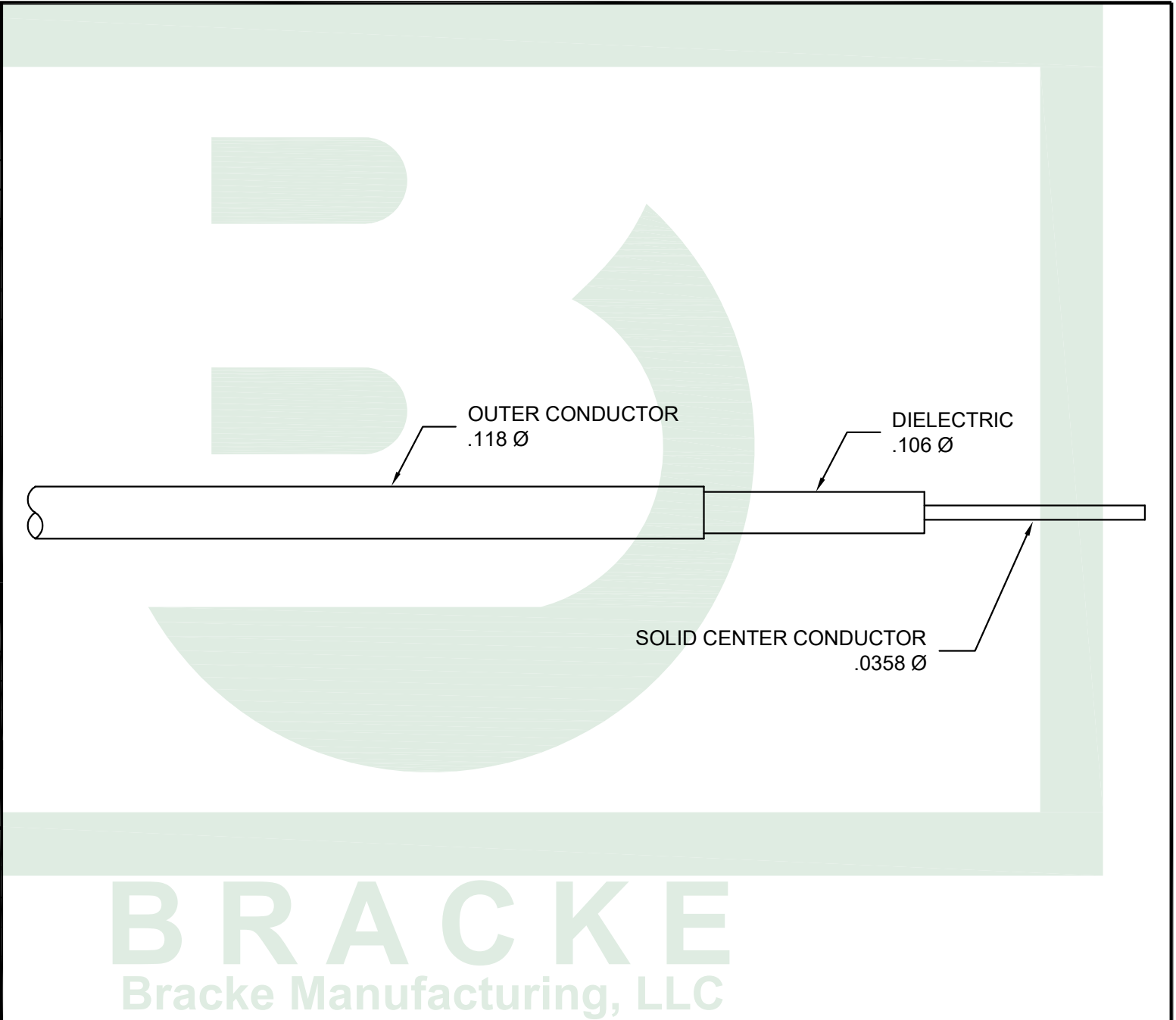



MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-55°C TO +125°C
MAX OPERATING VOLTAGE (VOLTS RMS)	1,000
NOMINAL CAPACITANCE (PF/FOOT)	27.0
VELOCITY OF PROPAGATION	69.5%
MAXIMUM OPERATING FREQUENCY	40 GHz
MINIMUM BEND RADIUS	.375"
PHYSICAL CHARACTERISTICS	
AWG	18
OUTER CONDUCTOR MATERIAL	BARE COPPER [BC]
DIELECTRIC MATERIAL	POLYTETRAFLUOROETHYLENE [PTFE]
CENTER CONDUCTOR MATERIAL	SILVER PLATED COPPER [SPC]
CENTER CONDUCTOR DIAMETER	.0358"
DIELECTRIC DIAMETER	.106"
OUTER DIAMETER	.118"
NOMINAL ATTENUATION (PER 100 FEET)	
100 MHz	3.8 dB
1 GHz	12.2 dB
5 GHz	27.0 dB
10 GHz	39.0 dB
20 GHz	56.7 dB
40 GHz	82.9 dB
MAXIMUM POWER HANDLING	
5 GHz	271 WATTS
10 GHz	189 WATTS
20 GHz	134 WATTS
40 GHz	95 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		
	Semi-Rigid 118			6LOW2		
			50 Ohm, Semi-Rigid 118 [Coaxial Cable Bulk]	Scale	Unit	
				3:1	Inches	
				Date	Revision	
Produced By		Checked By	Notes		11/26/2013	A-01
002	013	<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. ©2020 Bracke Manufacturing, LLC				