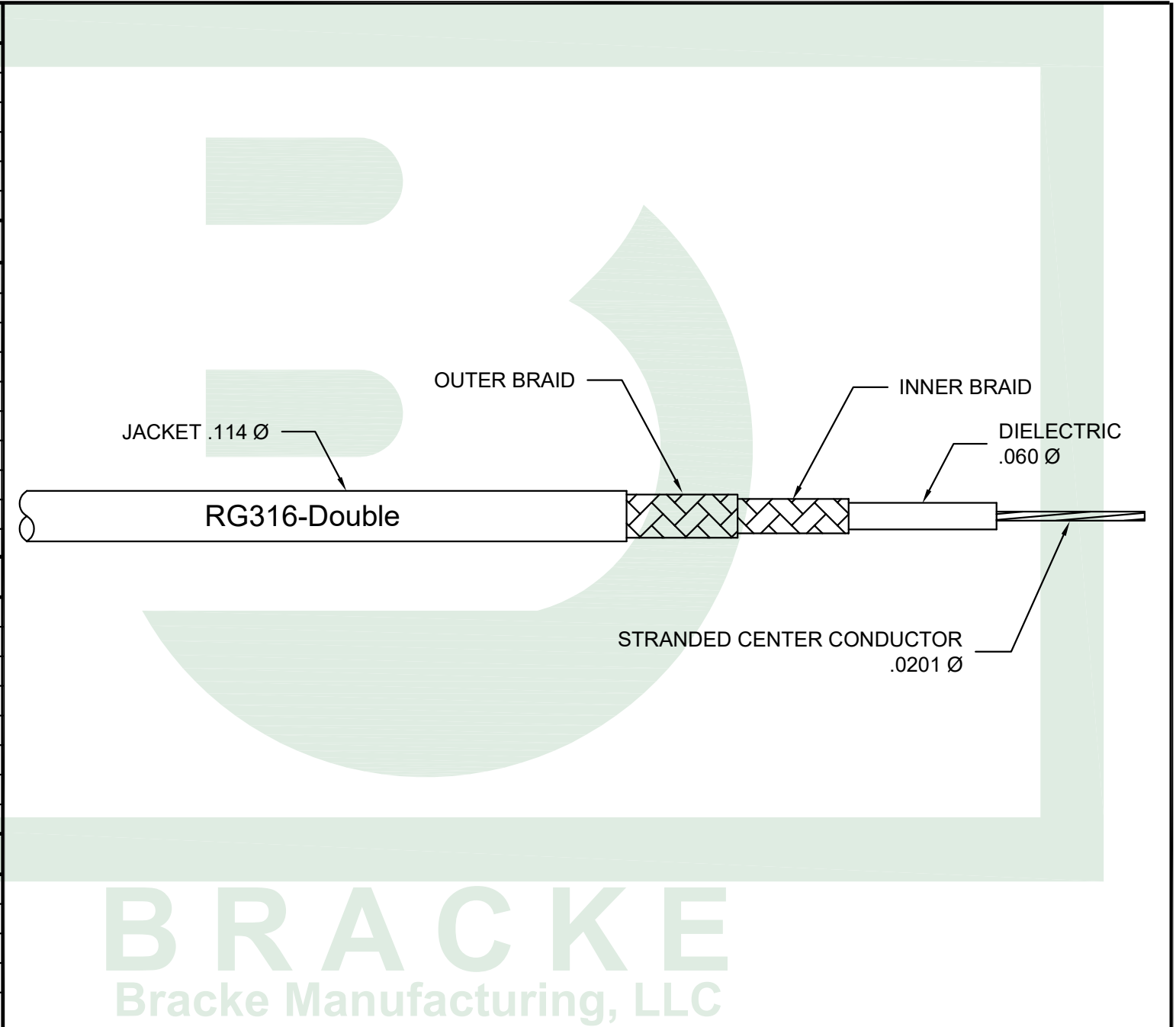



MECHANICAL CHARACTERISTICS	
IMPEDANCE	50 OHMS
OPERATING TEMPERATURE	-55°C TO +200°C
MAX OPERATING VOLTAGE (VOLTS RMS)	1,200
NOMINAL CAPACITANCE (PF/FOOT)	29.0
VELOCITY OF PROPAGATION	70%
MINIMUM BEND RADIUS	.600"

PHYSICAL CHARACTERISTICS	
AWG	26
BRAID COVERAGE	95%
NUMBER OF SHIELDS	2
JACKET MATERIAL	FLUORINATED ETHYLENE PROPYLENE (FEP-IX)
BRAID MATERIAL	SILVER PLATED COPPER [SPC]
DIELECTRIC MATERIAL	POLYTETRAFLUOROETHYLENE (PTFE) SOLID
CENTER CONDUCTOR MATERIAL	SILVER CLAD COVERED STEEL [SCCS]
CENTER CONDUCTOR DIAMETER	.0201"
DIELECTRIC DIAMETER	.060"
OUTER DIAMETER	.114"

NOMINAL ATTENUATION (PER 100 FEET)	
1 MHz	0.8 dB
10 MHz	2.5 dB
100 MHz	8.0 dB
1 GHz	25.0 dB
3 GHz	45.5 dB
10 GHz	93.0 dB
12.4 GHz	108.7 dB

MAXIMUM POWER HANDLING	
10 MHz	1,250 WATTS
100 MHz	450 WATTS
1 GHz	160 WATTS
5 GHz	57 WATTS
10 GHz	30 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	
	RG316-Double			6LOW2	
	Produced By	Checked By	Notes	Scale	Unit
	002	013		3:1	Inches
				Date	Revision
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