



**Electromagnetics**

*"Quality is everything."*

**LOG3 Series**

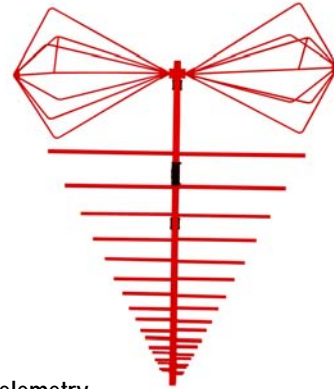
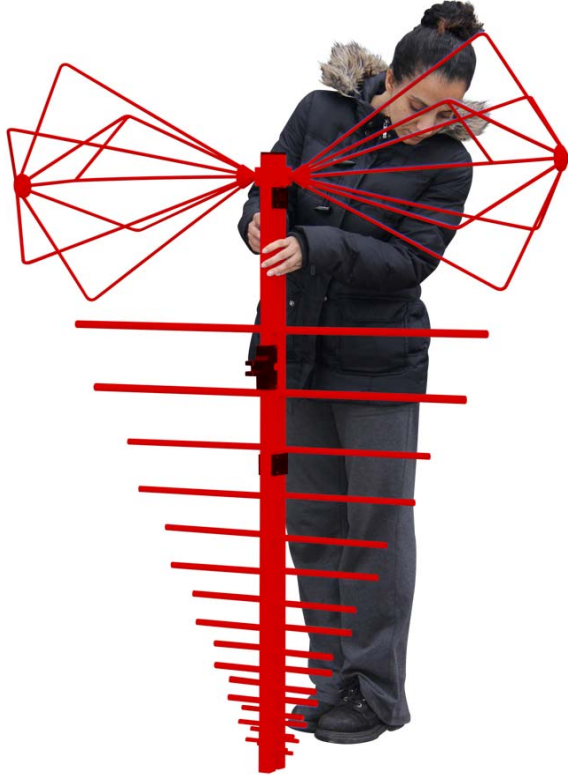
**Biconical-LOG**

**Periodic Antenna**

**0.026-1GHz (RX)**

**0.080-1GHz (TX)**

**JAGBL-02610-38-CM**



- Telemetry
- Broadband Communication
- Signal Surveillance
- Military



JAGBL-02610-38-CM Product Specification Sheet

Electrical Specifications		Mechanical Specifications		Environmental	
Model	JAGBL-02610-38-CM	Model	JAGBL-02610-38-CM	Model	JAGBL-02610-38-CM
Typical Frequency Range (GHz)	0.80 – 1.0	Length	inches (mm) 51 (1,295)	Survival Wind Velocity Without Ice	mph (km/h) 140 (225.3)
Typical VSWR	2.5:1	Width	inches (mm) 21 (533.4)	Survival Wind Velocity With Ice	mph (km/h) 100 (160.9)
Maximum VSWR	3.0:1	Height	inches (mm) 50 (1,270)	Maximum Allowable Radial Ice Buildup	inches (mm) 0.5 (12.7)
Polarization	Vertical or Horizontal	Weight	lb (kg) 10 (4.5)	Equivalent Flat Plate Area	ft <sup>2</sup> (m <sup>2</sup> ) 0.92 (0.091)
Radiation Pattern	Directional	LP Support Beam Outside Diameter	inches (mm) 1.8 (38.1)	Lateral Gust (85mph) 0 Radial Ice Buildup	lbs (N) 32 (142.3)
Nominal Gain (dBiL)	0 – 5	LP Support Beam Allowable Clamping Space	inches (mm) 1.8 (38.1)	Torsional Moment (85mph) 0 Radial Ice Buildup	ft-lbs (Nm) 1.5 (122.8)
Nominal Horizontal Side Beamwidth (Deg)	85 – 95	Mounting Information**	No clamp supplied*	Bending Moment (85mph) 0 Radial Ice Buildup	ft-lbs (Nm) 4.3 (12.5)
Nominal Vertical Side Beamwidth (Deg)	59 – 63	*See JAG clamps page for suitable clamps	*See JAGY1 Series application notes for additional details		
Front to Back Ratio (dB)	8 – 12	Pigtail (ft) & RF Connector	None & 'N' female		
Maximum Average Power (Watts)	1000				
Lightning Protection	DC Ground				

Specifications are subject to change without notice. As a result, all information contained in the present datasheet is subject to confirmation at time of ordering.

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JAG's dedication to continuous Research & Development will result in product improvements as they evolve.