

# Hand-Held GNSS Antenna

PN # ATRF1875QHWH Rev.1

## Antenna Specification:

- Frequency: 1166-1286MHz, 1525-1610GHz
- Polarization: RHCP
- Gain: 2dBic TYP.
- Axial Ratio: 3dB@Boresight Typ.
- Azimuth Pattern: Omni-directional

## LNA Specification:

- LNA Gain: 27-32dB
- Noise Figure: < 1.2 dB TYP. <2.5dB @1166 and 1286MHz
- Out-of-band rejection: >30dBc @+/-50MHz TYP.
- Port VSWR: <2.0:1 TYP.
- Working Voltage: 2.7-5.5V DC
- Current Consumption: <27mA

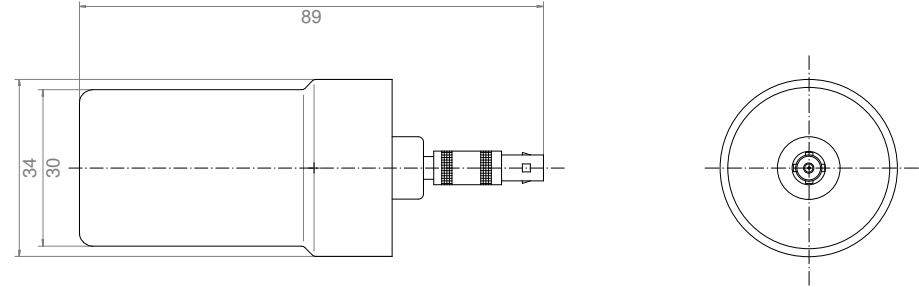
## Environmental Specification:

- IP-67 Compliance
- ESD: 8KV
- Operating Temperature: -40 - +85° C

- Radome: ABS; Color: Black
- Connector: LEMO 00 M
- Dimension: Ø 34mm X 89 mm
- Weight: 35 g

Preliminary

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	PROTOTYPE	05/04/2017	XD
A	RELEASED TO PRODUCTION		



FOR TOLERANCES NOT SPECIFIED: [Xmm +/- 0.5mm], [X.X mm +/- 0.1mm] [X.XX mm +/- 0.1mm] ANGULAR +/- 1°	DRAWN: DX	<b>Atlanta RFtech LLC</b>  DS-ATRF1875QHWH_Rev1 5/3/2017 9:05:01 PM Sheet:
	APPROVED: DX	
	QA:	
	SCALE: NONE	
UNIT: mm (inch)	SIZE: A3	

PROPRIETARY DATA  
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