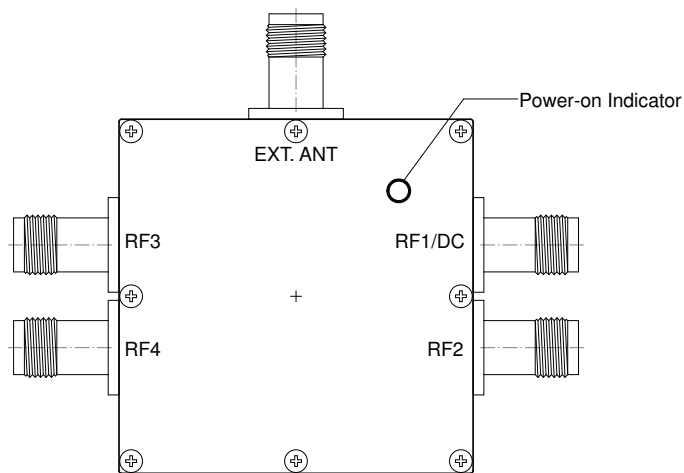


# All-Band GNSS Active Splitter

PN # ATRF-ADIV-1T04 Rev.1

## Application:

- 4G Network Timing Receiver;
- Indoor GNSS repeater/extender.
- Drive up to 3 Passive antennas or 4 Receivers.



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	PROTOTYPE		
A	RELEASED TO PRODUCTION		

## Specification:

- Frequency: 1-2GHz
- Gain: 20dB-25dB (Input to each port)
- Amplitude Balance: <+/-1dB
- Phase Balance: < 2°
- LNA Noise Figure: <2.0dB
- Port VSWR: < 2.0 :1 (ALL)
- Voltage: 3.0-12.0V DC
- LNA Current Draw: <25mA
- Receiver Current Sink Resistor: 200 Ohm
- Operating Temperature: -40 - +85 °C
- Storage Temperature: -40 - +85 °C
- Humidity: 100%
- ESD Rating: 8KV
- Size: 2.5"X2.5"X0.83"(65.5mmX65.5mmX21mm)
- Connector: TNC-F

**Preliminary**

PROPRIETARY DATA  
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FOR TOLERANCES NOT SPECIFIED: [Xmm +/- 0.5mm], [X.X mm +/- 0.1mm] [X.XX mm +/- 0.1mm] ANGULAR +/- 1°	DRAWN:	<b>Atlanta RFtech LLC</b>  DS-ATRF-ADIV-1T04_Rev1 8/24/2016 9:40:29 PM Sheet:
	APPROVED:	
	QA:	
	SIZE: A3	
UNIT: mm (inch)	SCALE: NONE	