

Technical File – Antenna ATL-AV10-VHF – Pegaso Team SAS

1. Product Description

- Model: ATL-AV10-VHF
- Type: Passive VHF antenna
- Frequency range: 118–137 MHz
- Intended use: VDS / Ultralight / Experimental Aircraft
- Connector: BNC
- Materials: steel/aluminum alloy
- Dimensions: see 3D file **ATL-AV10.stp** with Autocad Viewer or similar (length 60 cm)
- Weight : 346g

2. Drawing of Antenna



3. Electrical Specifications

- Impedance: 50 Ω nominal
- VSWR: 2.0:1 maximum
- Pattern: Omni-Directional
- RF Power Capacity: 30 W (connected to external radio)

4. Risk Analysis

- Mechanical: resistance to wind and vibration
- Environmental: resistance to rain and UV
- Electrical Safety: no active electronics

5. Declaration of Absence of Active Electronics

- The ATL-AV17 antenna is passive, contains no active electronic components, and does not transmit autonomously.

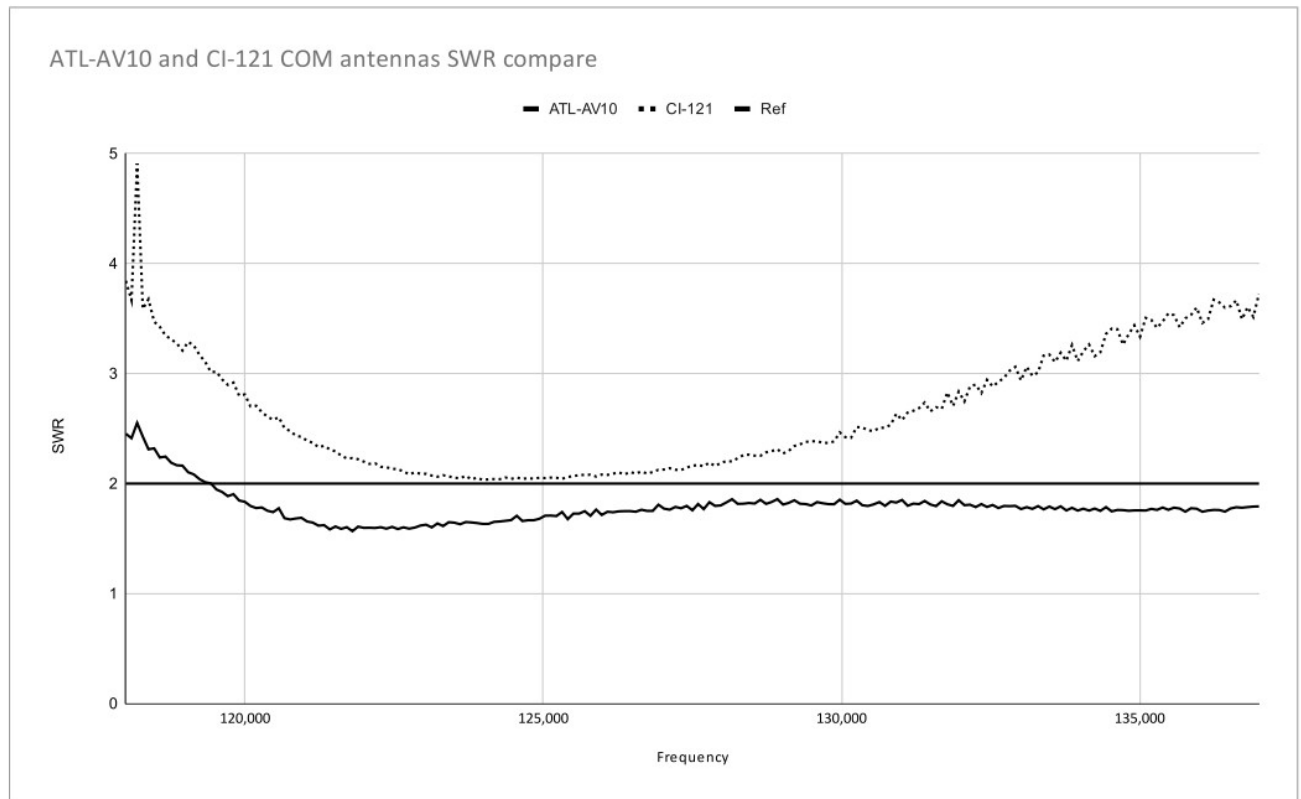
6. VDS Disclaimers

- Intended only for VDS / ultralight / experimental aircraft
- Not approved for EASA certified aircraft

7. Harmonized Standards

- RED 2014/53/EU Art. 3.1(a) and 3.1(b)
- ETSI EN 301 489-x (not applicable for passive antenna, justified)

8. Optional Laboratory Reports



EU Declaration of Conformity – ATL-AV10-VHF

Product: Passive VHF Antenna ATL-AV10-VHF

Manufacturer: NTL GUANGDONG ANTELE TECH CO.,LTD

EU Importer: Pegaso Team SAS, Via Parlamento 6b, 20098 San Giuliano Mil.se (MI), VAT IT11395900159 (PEGASO AVIONICS ®)

Applicable Directive: RED 2014/53/EU

Description: Passive antenna for VDS / Ultralight / Experimental Aircraft. To be connected to a radio compliant with local regulations. No active electronics.

Usage: Not approved for EASA certified aircraft

Date: 17-12-2025

Signature: CEO David Casatta Pegaso Team SAS di Casatta David & C.

Labeling / Packaging

VHF Antenna ATL-AV10-VHF

118–137 MHz

For VDS / Ultralight / Experimental Aircraft

Passive antenna – no active RF generation

Not approved for EASA certified aircraft

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