



# GNSS Active Antenna

**While others lose signal, our  
partners stay on course**

Our solutions aren't just engineered — they're battle-hardened.





**SAĞLAMTEK**  
Aerospace & Defense Co.



## ***Specifications***

### **Electrical Performance Parameters**

|                               |                                         |
|-------------------------------|-----------------------------------------|
| <b>Frequency Range</b>        | <b>1565–1607 MHz - 1217–1260 MHz</b>    |
| <b>Polarization</b>           | <b>Right Hand Circular Polarised</b>    |
| <b>Axial Ratio</b>            | <b>&lt;3 atzenith</b>                   |
| <b>VSWR</b>                   | <b>2.0 : 1 max.</b>                     |
| <b>Antenna Pattern</b>        | <b>360° (horizontal) 90° (vertical)</b> |
| <b>Antenna Gain/ LNA Gain</b> | <b>3 dBic / 40–45 dB</b>                |
| <b>Supply Voltage/Current</b> | <b>3-28 VDC/ 113mA</b>                  |
| <b>Impedance</b>              | <b>50 <math>\Omega</math></b>           |
| <b>Noise figure</b>           | <b>&lt; 1.5 dB</b>                      |

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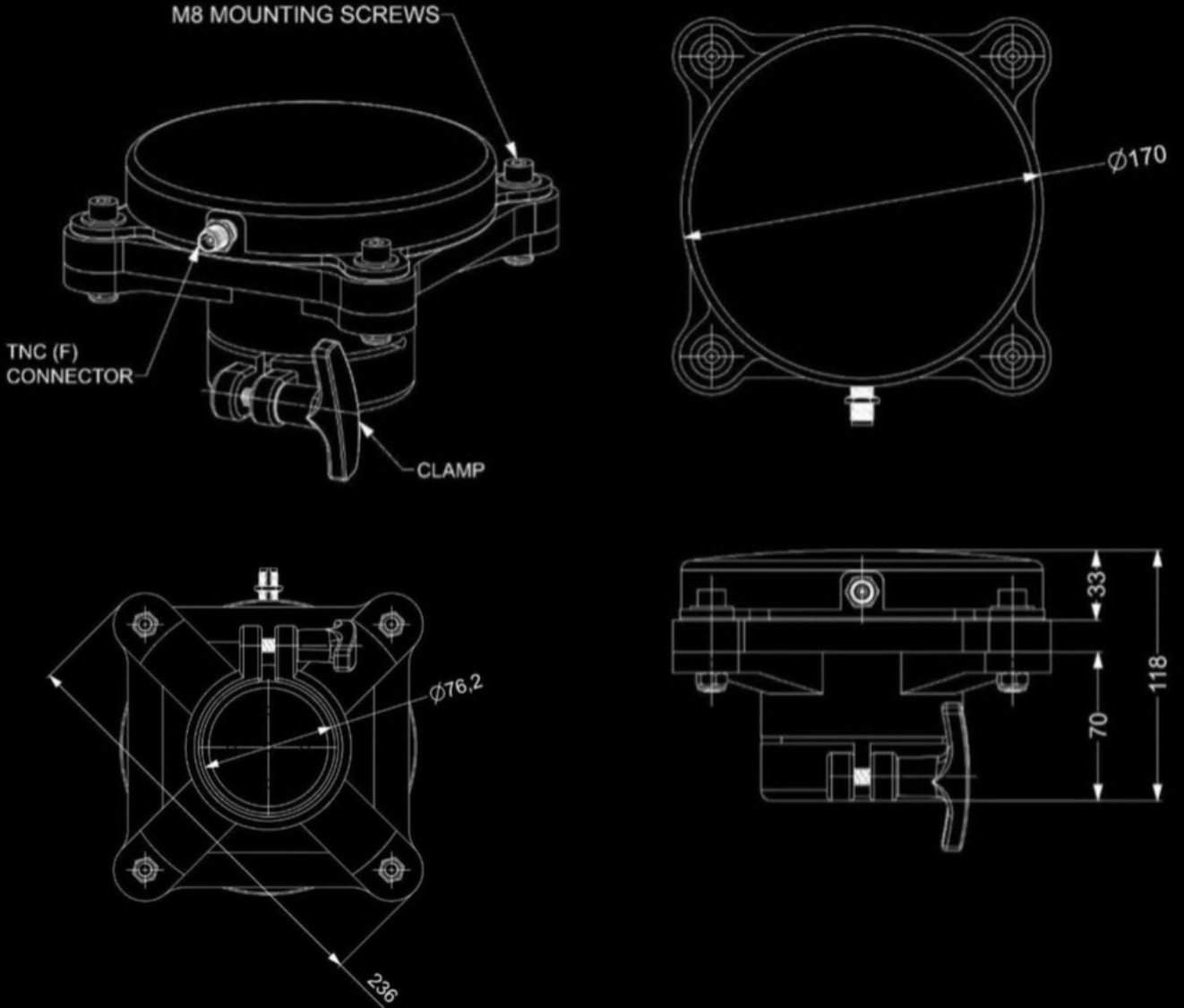
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## Mechanical Properties

|                       |               |
|-----------------------|---------------|
| Dimension             | Ø170x118 mm   |
| Weight                | <1800 g       |
| Connector Type        | TNC-F         |
| Operating Temperature | -55°C ~ +85°C |
| Storage Temperature   | -55°C ~ +85°C |
| Storage Humidity      | 95 %          |
| Waterproof            | IP 68         |



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