

GNSS ANTENNAS

Ruggedized Reliability



Radiall introduces a new range of GNSS antennas designed for military and industrial applications. This comprehensive offer covers multiband GNSS frequencies, offering passive and active versions. It ensures outstanding performance, durability and highly-robust design. Radiall guarantees reliability due to ownership of the entire process including design and production.

GNSS ANTENNAS

- Multi-standard covering GPS L1, GALLILEO E1 and GLONASS
- Passive and active versions
- Two form factors available
- IP67 products
- Environmental performance according to MILSTD810G
- Complete design and manufacturing by Radiall

	PASSIVE VERSION	ACTIVE VERSION
Bandwidth (MHz)	GALLILEO E1 – GPS L1 (1559-1591 MHz) GLONASS (1597 – 1607 MHz)	
VSWR	2.5:1 max	
Gain (dBic)	-3 dBic	10 dBic
Impedance (Ω)	50 Ω	
Polarization	Linear Vertical	
Operating Temperature	-40 °C to 85 °C	
RF Connector	Male SMA	
DC Voltage	-	3.3 V ± 0.2 V
DC Voltage	-	4.8 mA max



Radiall GNSS antennas are the best choice for defense positioning applications.

RADIALL PART NUMBER	DESCRIPTION
R380300035	Medium GNSS Passive Antenna
R380300036	Medium GNSS Active Antenna
R380300037	Small GNSS Passive Antenna
R380300038	Small GNSS Active Antenna

FEATURES & BENEFITS

- *Multiband covering GPS L1, GALLILEO E1 and GLONASS*
- *Passive and active versions*
- *Two form factors available*
- *IP67 products*
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APPLICATIONS

- *Vehicle and fleet tracking*
- *Military and security*
- *Asset tracking*
- *Seismic recording instruments*
- *Oil and gas industries*
- *Navigation devices*
- *Mining equipment*
- *M2M applications*
- *Hand-held devices*