



GPS/GLONASS ANTENNA

Internal GNSS (GPS/GLONASS)
active antenna, 31 dBi,
25x25x8.5 mm, 1.37 mm cable
L/10 cm, U.FL

AP-AGNSS-GA25-U-SE

SECTRON company offers a wide portfolio of GPS/GLONASS antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.

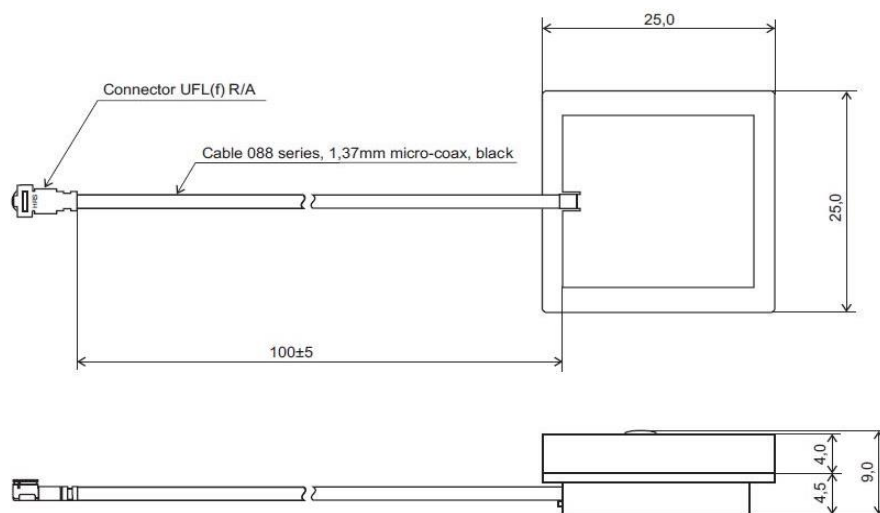


BENEFITS

- Low VSWR
- High gain
- Minimalist dimension

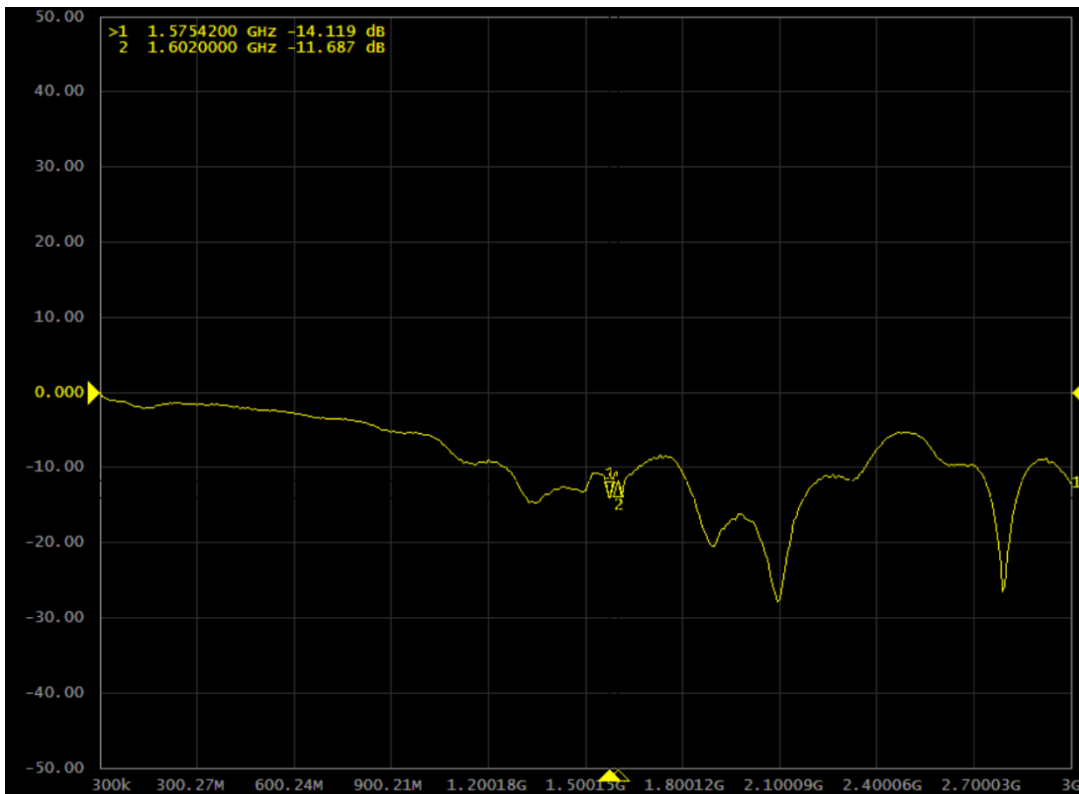
Technology	GPS/GLONASS
Frequency bands	1575.42/1602 MHz
Bandwidth	-
Gain	2.5/1.9 dBi
LNA Gain	31/30.3 dBi
VSWR	<1.5:1/<1.6:1
Efficiency	74.4/55.4 %
Impedance	50 Ohm
Directivity	Directional
Beam angle	Attached graphs bellow
Polarization	R.H.C.P.
Maximum input power	10 W
Power voltage	3V/3.3V
Dimensions	25 x 25 x 8.5 mm
Weight	12.99 g
Operating temperature	- 55-200 °C
Execution	Internal
Method of attachment	Soldering
Cable type	1.37 micro coaxial cable
The cable length	0.1 m
Connector type	U.FL
Certification	RoHS, ISO 9001, ISO 14001
Material	Ceramic (PATCH Antenna) FR-4(PCB)/FEP (cable)
Relative permittivity - FR4	4.4 F/m

DRAWING



UNIT: mm

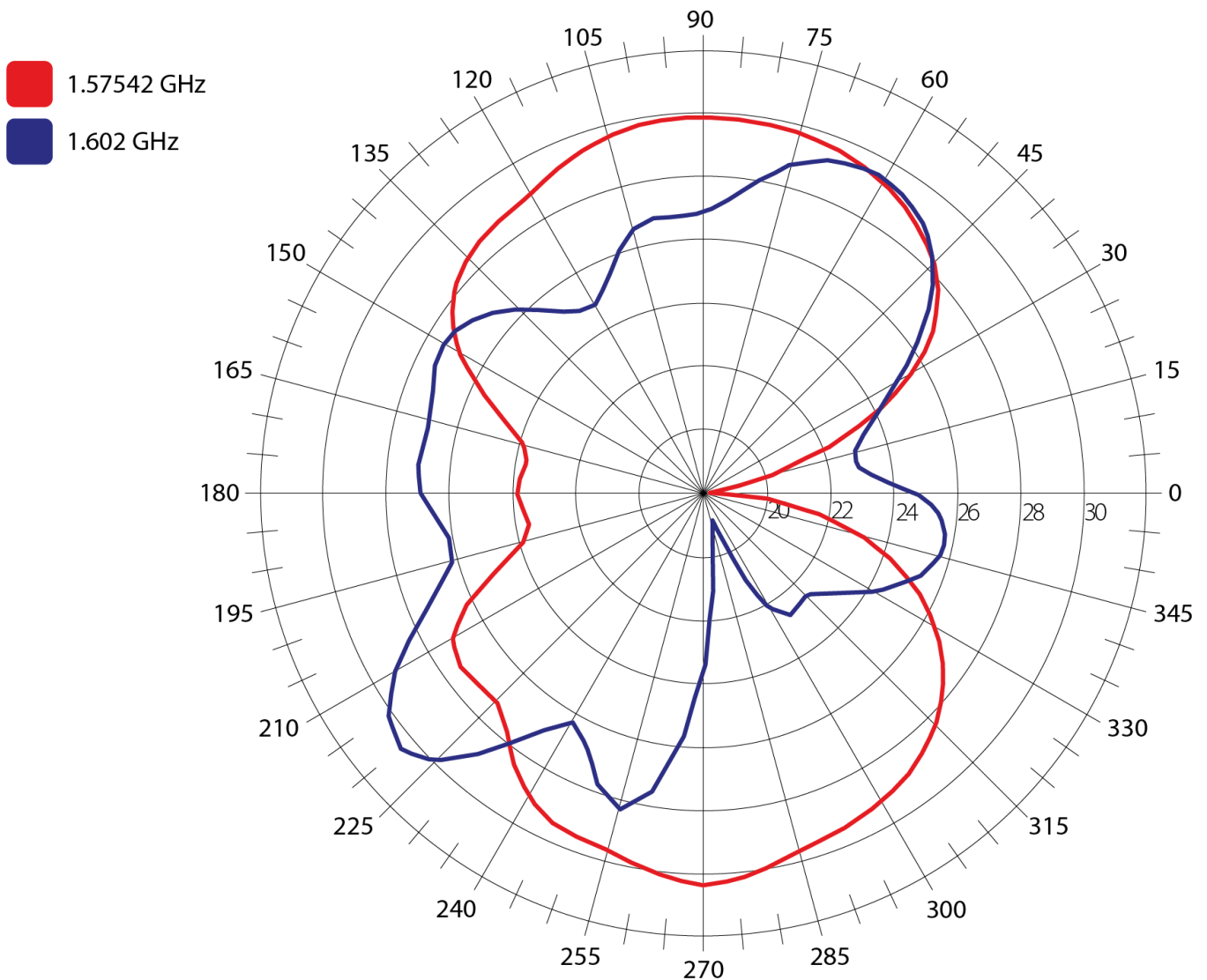
S₁₁ – Return loss [dB]



VSWR – Voltage standing wave ratio [-]



Radiation pattern



VARIANTS

AP-AGNSS-GA25-U-SE

Different connector variants or cable lengths are available on request

CONTACTS

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