



## GPS/GLONASS ANTENNA

Internal GNSS (GPS/GLONASS)  
active antenna, 28 dBi,  
25x25x4 mm, 1.37 mm cable  
L/10cm, U.FL

AP-AGNSS-GA25-4-27-U

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.

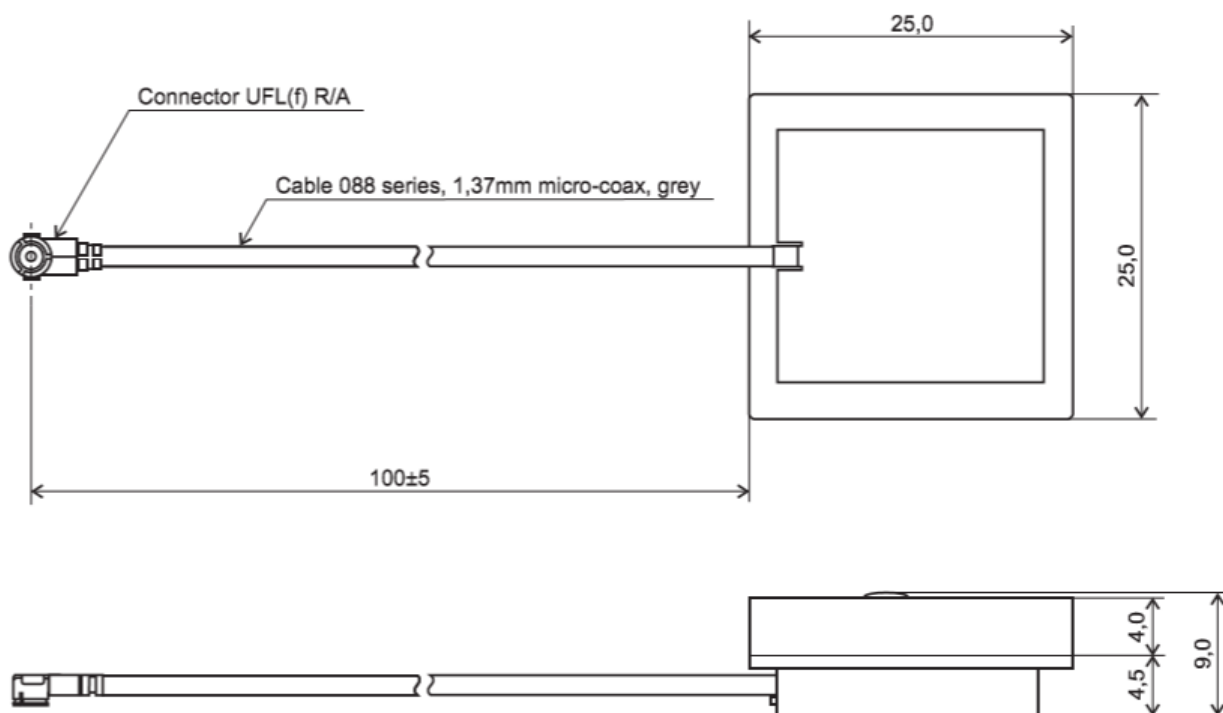


### BENEFITS

- Low VSWR
- High gain
- Minimalist dimension

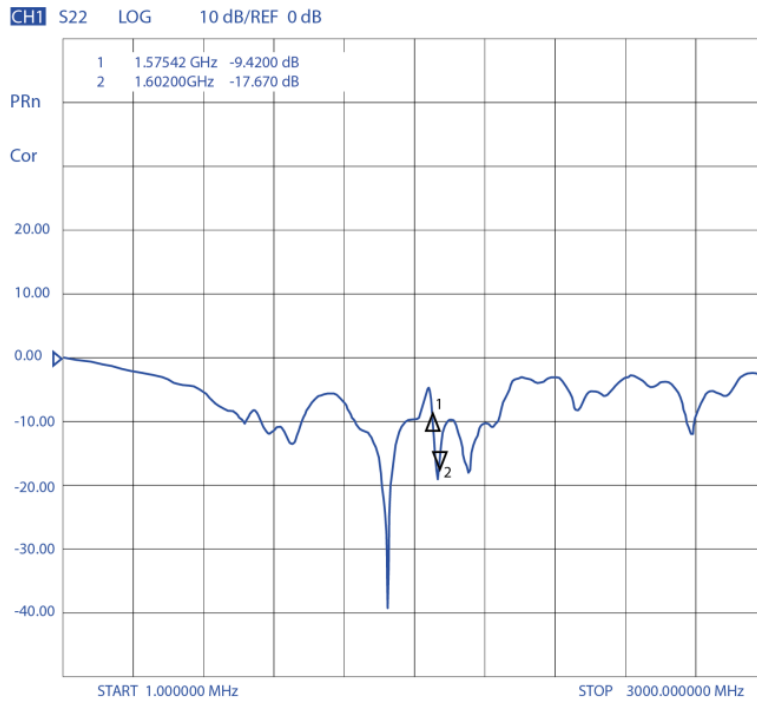
Technology	GPS/GLONASS
Frequency bands	1575.42/1602 MHz
Bandwidth	-
Gain	28/20 dBi
VSWR	<2.0: 1/<1.3: 1
Impedance	50 Ohm
Directivity	Directional
Beam angle	Attached graphs bellow
Polarization	R.H.C.P.
Maximum input power	10 W
Power voltage	-
Dimensions	25 x 25 x 8.5 mm
Weight	13 g
Operating temperature	-30 to +90 °C
Execution	Internal
Method of attachment	Soldering
Cable type	Hirose 088
The cable length	0.1 m
Connector type	U.FL

DRAWING



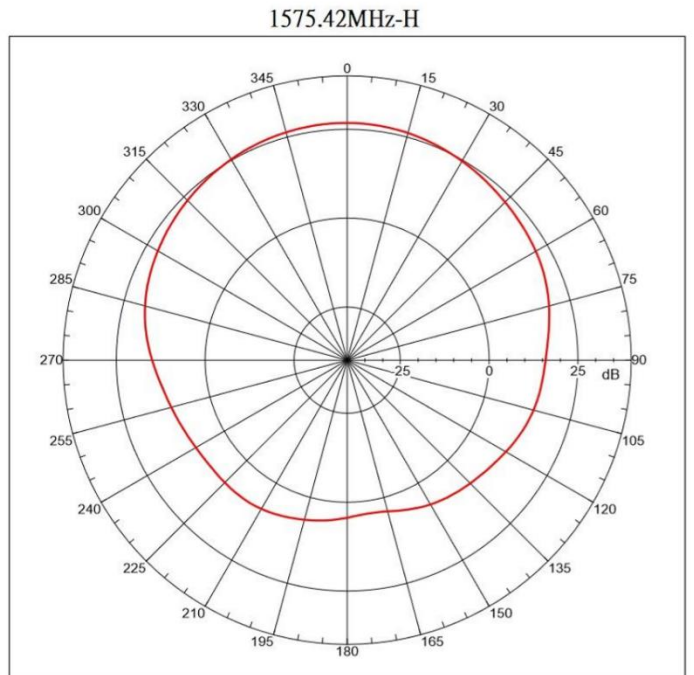
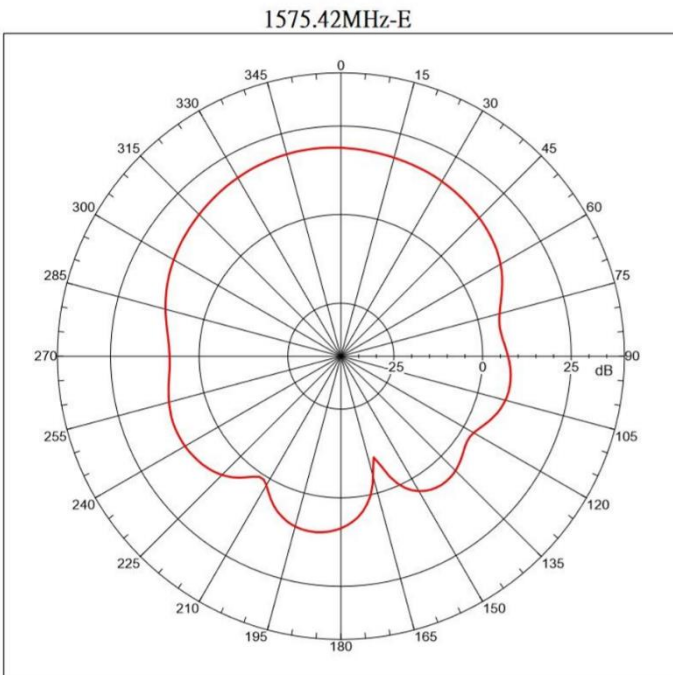
UNIT: mm

### S<sub>11</sub> – Return loss [-]

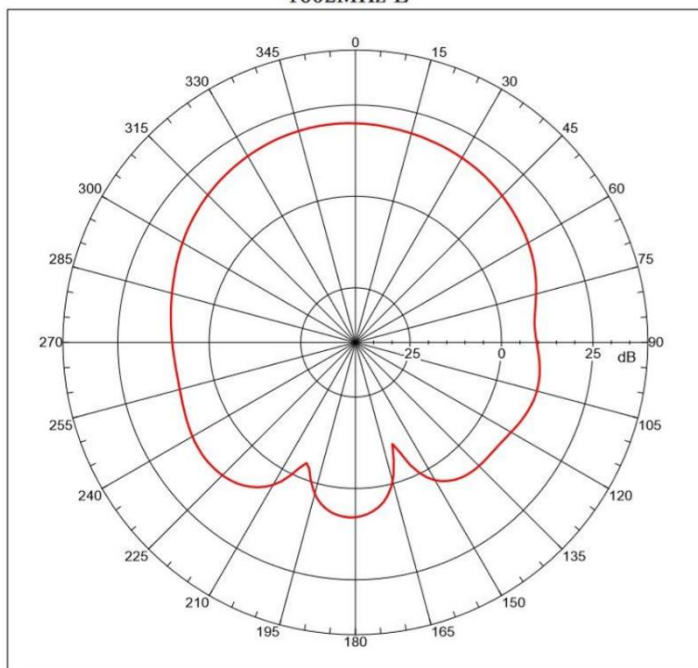


SIMULATED GRAPHS

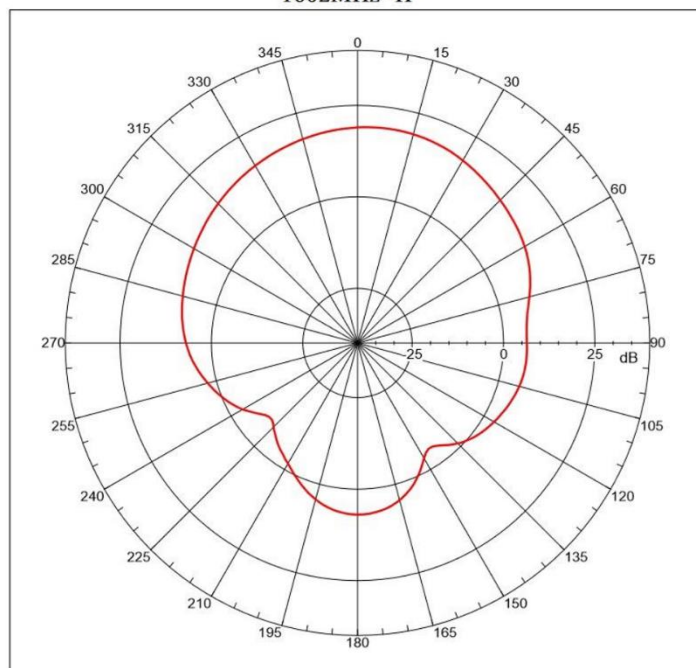
### Radiation pattern



1602MHz-E



1602MHz -H



## VARIANTS

Different connector variants or cable lengths are available on request

## CONTACTS

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