

High-Class, Multi-Frequency GNSS Antenna



Multi-Sensor RTK Modules and
RTCM Reference Station

Miniaturized and light-weight, multi-frequency GNSS antenna

High gain, wide beam width, and top performance even at low elevation angles.

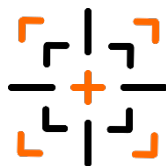
Multipath suppression technique improves performance in challenging environments.

Frequencies:

GPS L1/L2,
Galileo E1, E5,
GLONASS L1/L2,
Beidou B1/B2/B3



Stable Carrier
Phase Center



Accurate Attitude
and Position



Compact
Design



Breakthrough
price



Easy Integration and
Mounting

PERFORMANCE:

Frequencies:

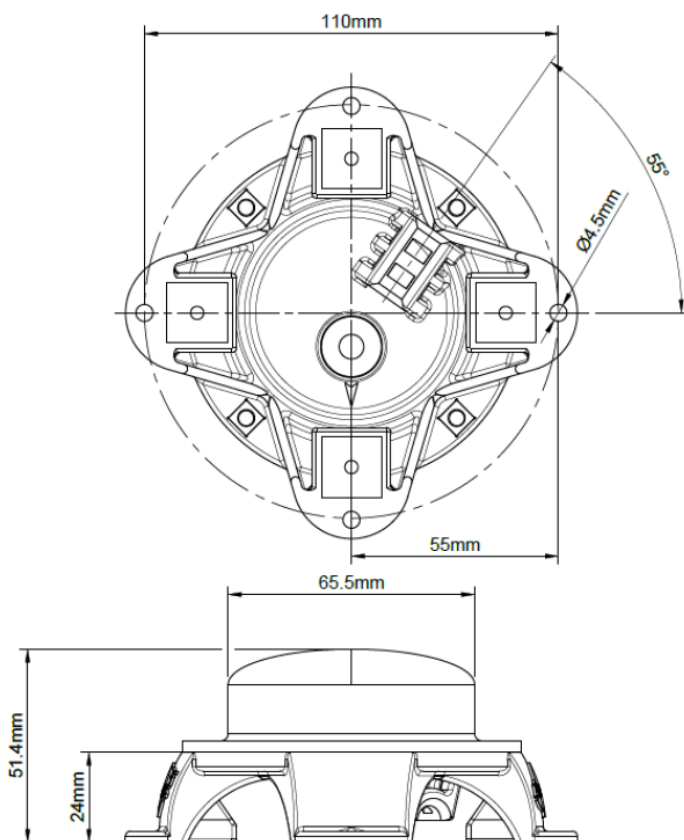
GPS L1/L2, Galileo E1/E5, GLONASS L1/L2, Beidou B1/B2/B3

Peak Gain:	4 dBi
Polarization:	RHCP
Axial Ratio:	< 3dB
Azimuth Coverage:	360°
Impedance:	50 Ohm
Output VSWR:	< 2.0
Phase Center Offset:	20.24 mm
Phase Center Accuracy:	+/- 3 mm

LNA:

LNA Gain:	36 +/- 2dB
Noise Figure:	< 2.0dB
Output VSWR:	< 2.0
Operation Voltage:	3.3-12 V DC
Operation Current:	< 45 mA
Group Delay:	< 5 ns

Structure Overview:



Mechanical:

Dimension:	Width: 121 mm
	Height: 51.4 mm
Connector:	SMA Female
Weight:	157 g

Environmental:

Operating Temp:	-40° to +80°C
Storage Temp:	-55° to +85°C
Humidity:	95% not condensing
Dust- & Waterproof:	IP67



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