

simpleANT2B-HEL

Lightweight helical antenna for multiband RTK GNSS (IP67)

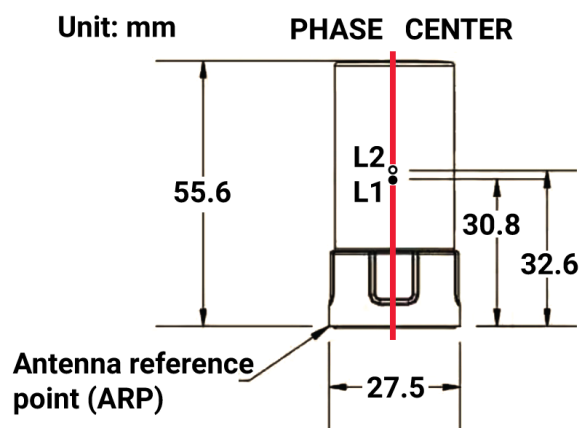
SKU: AS-ANT2B-HEL-L1L2-SMA-00



Dimensions: 56x27x27 mm

Antenna

Frequency	GPS L1/L2 GLONASS L1/L2 COMPASS B1/B2/B3 Galileo E5b/E6
Polarization	RHCP
Axial ratio	$\leq 3\text{dB}$
V.S.W.R.	≤ 2.0
Gain	2dBi (Zenith)
Impedance	50 Ω
Horizontal coverage angle	360°



LNA

Gain	33 $\pm$ 2dB
Noise figure	$\leq 1.5\text{dB}$
Passband fluctuation	$\pm 2\text{dB}$
Supply voltage	3.0~16V DC
Current consumption	$\leq 35\text{mA}$
V.S.W.R.	≤ 2.0

Mechanical

Connector	SMA
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Environmental

Operating temperature	-40°C~+85°C
Relative humidity	Up to 95%
Ingress protection	IP67
Vibration	10 to 55Hz with 1.5mm amplitude 2 hours
Environmentally friendly	ROHS Compliant

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