

AT Series

GNSS Antenna



AT360
Geodetic Antenna



AT600
Chock Ring Antenna



AT200
Aviation Antenna



AT160
Helix Antenna

Antenna	Signal Tracking	- GPS: L1, L2, L5 - GLONASS: L1, L2 - BeiDou: B1, B2, B3 - Galileo: E1, E5a, E5b, E6 - IRNSS, QZSS - SBAS, L-Band	- GPS: L1, L2, L5 - GLONASS: L1, L2 - BeiDou: B1, B2, B3 - Galileo: E1, E5a, E5b, E6 - IRNSS, QZSS - SBAS, L-Band	- GPS: L1, L2, L5 - GLONASS: L1, L2 - BeiDou: B1, B2, B3 - Galileo: E1, E5a, E5b, E6 - IRNSS, QZSS - SBAS, L-Band	- GPS: L1, L2, L5 - GLONASS: L1, L2 - BeiDou: B1, B2, B3 - Galileo: E1, E5a, E5b - IRNSS, QZSS - SBAS, L-Band	
	Nominal Impedance	50Ω	50Ω	50Ω	50Ω	
	Polarization	RHCP	RHCP	RHCP	RHCP	
	Axial Ratio (90°)	≤ 3dB	≤ 2dB	≤ 3dB	≤ 3dB	
	LAN	LNA Gain	40dB	≥ 50dB	36±2dB	33±2dB
		Noise Figure	≤ 2dB	≤ 1.8 dB	≤ 2dB	≤ 2dB
VSWR Output		≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	
Operation Voltage		3 - 18VDC	3.3 - 12VDC	3.3 - 12VDC	3.3 - 12VDC	
Operation Current		≤ 45mA	≤ 60mA	≤ 45mA	≤ 45mA	
Group Delay		< 5ns	< 5ns	< 5ns	< 5ns	
Passband Ripple		± 1dB	± 1.5dB	± 2dB	± 2dB	
Gain at Zenith		+ 5.5dBi	5dBi	3dBi	+ 3.5dBi	
Phase Center Offset		± 2mm	≤ 1.5mm	/	± 2mm	
Physical	Dimension	Φ152×62.2mm	Φ379.5×296.5mm	Φ90×27.5mm	Φ27.5×59mm	
	Connector	TNC Female connector	TNC Female connector	TNC Female connector	SMA male connector	
	Weight	374g	< 8.5kg	150g	25g	