

GEOMATE

Premium Surveying. Trusted Solutions



GAT10 Antenna



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The Geomate GNSS antenna GAT10 provides a high-accuracy and reliable solution to demanding positioning applications such as geodetic reference station, monitoring and so on.

TECHNICAL SPECIFICATIONS

GAT10	
Antenna type	Choke ring (Radome)
Frequency	GPS L1 + L2 + L5 GLONASS L1 + L2 + L3 BDS B1, B2, B3 GALILEO E1, E5A, E5B, E6 SBAS
LNA gain	50 dB
LNA voltage	3 V DC to 18 V DC
LNA current	≤ 50 mA
Polarization	Right Hand Circular
Axial ratio	≤ 3 dB
Phase center accuracy	± 1 mm
Impedance	50 Ohms
VSWR	≤ 2.0
Noise	≤ 2 dB
Dimension (D x H)	322 mm x 261 mm (12.7 in x 10.3 in)
Weight	4.9 kg (173 oz)
RF connector	TNC
Operating temperature	-40°C to +85°C (-40°F to +185°F)
Threading	5"/8"
Construction	Copper alloy
Ingress protection	IP67 waterproof and dustproof, protected from temporary immersion to depth of 1 m

*Specifications are subject to change without notice.