

AG-14GPS Low-Profile Series GPS GNSS Antenna Datasheet
GPS Glonass Galileo QZSS BeiDou Compass

Frequency Range	1562-1612MHz
LNA Gain	LNA 28 ± 2dB
VSWR	< 2.0:1 ± 4MHz
Axial Ratio	≤ 5.0dB
Polarization	Right-Handed Circular
Band Filters / Band Rejection	25dB (@ > ±50MHz f) In-Band Frequency Interference Filter for LTE B13 B14 Rejection 24dB Notch Filter @787MHz
Typical Noise Figure	< 2.7dB
Operating Voltage	3-5V DC
Typical Current	20mA
Nominal Impedance	50Ω
Mechanical / Environmental Specifications	
Antenna Housing	High Impact UV Stabilized ABS Polymer (Black)
Housing Dimensions	Height: 17mm (0.67") / Width: 38mm (1.5") / Length 50mm (2.0")
Connector Types	All Standard RF Connectors Available (Including FAKRA Connector Ends)
16ft Coax Cables (All Cables Full Length)	16ft GPS GNSS AGA100 Coax Cable * Custom cable length options are available
Magnetic Mount / Adhesive Mount	Commercial Grade Rare Earth Magnets w/Baseplate Pad (Includes 3M Adhesive Mount Pad)
Operating Temp	-35° / +75°C (-31° / +167°F)
Ingress Protection	IP67
Weight	0.2kg / 7oz

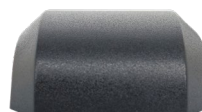
Top View



Side View



Front View



AG-14GPS Low-Profile Series GPS GNSS Antenna Datasheet
Dimensions

AG-14GPS Low-Profile GPS GNSS Series Antenna
Magnetic Mount / Adhesive Mount

Length: 50mm (2.0") / Width: 28mm (1.5") / Height: 17mm (0.67")



AG-14GPS Low-Profile Series GPS GNSS Antenna Datasheet
Includes: 16ft AGA100 Coax Cable / Rare Earth Magnetic Mount / 3M Adhesive Mount Pad



Includes
16ft AGA100 Coax Cable



Rare Earth
Magnetic Mount

Includes
3M Adhesive Pad

