

M-14AGPS 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	Length: 51mm (2.0") / Width: 38mm (1.5") / Height: 16mm (0.6")
Connector Types	All Standard RF Connectors Available (Including FAKRA Connector Ends)
Coax Cable (All Cables Full Length)	15ft 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

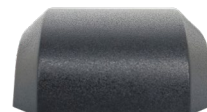
Top View



Side View



Front View





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Dimensions

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

Length: 51mm (2.0") / Width: 38mm (1.5") / Height: 16mm (0.6")





M-14AGPS Low-Profile Series GPS GNSS Antenna  
GPS Glonass Galileo QZSS BeiDou Compass  
Magnetic Mount / Adhesive Mount / 15ft Coax Cable

M-14AGPS Low-Profile Series GPS GNSS Antenna Datasheet  
Includes: 15ft AGA100 Coax Cable / Rare Earth Magnetic Mount / 3M Adhesive Mount Pad



Includes  
15ft AGA100 Coax Cable



Rare Earth  
Magnet

**GPS Antenna**

Frequency: 1575.42MHz

Voltage: 3V~5V

SGS FC CE

Includes  
3M Adhesive Pad

