



Mag Mount for 2.4 & 5 GHz Bands

Magnet Mount Multi-band 2.4, 4.9-6 GHz & GPS

- Mounts easily to most steel surfaces
- High performance GPS with 26 dB active amplifier (2.7 to 5 VDC)
- Discreet low profile antenna (under 2 inches)
- Operates 2.4/5 GHz & 4.9 Public Safety

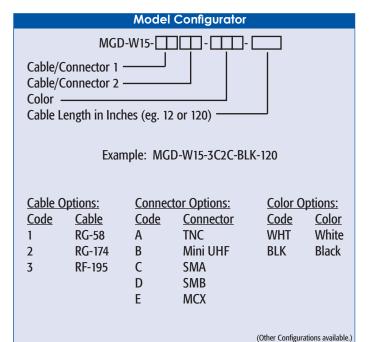
This multiband Mag mount antenna integrates several broadband/data networks with GPS. The antenna operates on 2.4 WiFi, 5 GHz WiFi, and GPS. The antenna will also operate on 2.4 Video Surveillance, and 4.9 GHz for Public Safety broadband. The antenna is excellent for any application needing a nonpermanent stealthy antenna.

The design uses a powerful low profile magnet, and has a 3.75" diameter (95 mm) base with a removal lip. The antennas are outfitted with 10 feet (3 meters) of cable standard. Low Loss RF-195 cable is used for 2.4 - 6 GHz and RG-174 cable is used for the GPS feed.

A variety of connector configurations are available. Please consult factory for special lengths or connectors not shown below.

GPS performance is 26 dB LNA, with 5 dBi nominal RHCP antenna gain. The GPS circuit has a low noise figure (2.0 dB max) with excellent filter characteristics.

The dome portion of the antenna measures 3.75" D x 1.9" H total (95 mm x 48mm). It is made of weatherproof ASA Resin, which is a strong, durable outdoor material with UV stable properties. The bottom of the antenna provides surface scratch resistance using a vinyl contact gasket.



Specifications

Frequency:

2.4 Band 2.4 - 2.5 GHz
4.9 Public Safety 4.9 - 5 GHz
5 GHz Broadband 5 - 6 GHz
GPS 1575.42 +/- 2 MHz

2.4 - 6 GHz Gain: 2.5 dBi
GPS Gain: 26 dB LNA

5 dBi nominal RHCP, Antenna

VSWR: 2:1 max over range
Noise Figure: 2.0 dB max, 1.7 dB typical

Nominal Impedance: 50 ohms

Operating Temp: -40° to +85° C

Maximum Power: 10 Watts

Amplifier Bias: 2.7 to 5 VDC

Current: 20 mA max, 10 mA typical

Cable:

Cable 1 (2.4/4.9-6 GHz) RF-195, 10 ft (3 meters)
Cable 2 (GPS) RG-174, 10 ft (3 meters)

Case: 3.75"D x 1.9"H (95 mm x 48 mm)

Case Material: ASA

Connector: SMA/SMA standard, others available

Shock & Vibration: EN 61373, IEEE 1478