

DAGR Magnetic Mount Remote Antenna (RA-1)
P/N: RAMI9511

This GPS antenna is designed to meet MIL-461 standards for Electromagnetic Interference (EMI) and DO-160 standards for airborne equipment. This antenna is robust with a hermetic seal for long lasting, trouble free deployment and durability.

Specifications:

Application: Military Vehicle Tracking
 Asset Tracking
 Precision Agriculture
 Differential Correction

Frequency L1: 1575.42 ± 10 MHz
Antenna Gain: @10° Elev. >3 dBic
 @90° Elev. 4dBic

Axial Ratio: @ 90° Elev. <2dB
Amplifier Gain: 28 dB ±3dB

Frequency L2: 1227.60 ± 10 MHz
Antenna Gain: @10° Elev. >3 dBic
 @90° Elev. 4dBic

Axial Ratio: @ 90° Elev. <2dB
Amplifier Gain: 30 dB ±3dB

Common:

Impedance: 50 ohms nominal
VSWR: <2.0:1 Center of Frequency
 <2.5:1 Band Edges

Polarization: Right Hand Circular

Noise Figure: <2.5dB
DC Voltage: 2.5 to 5.5 VDC
 24 V survival
DC Current: 37 mA Typ.
 50 mA Max.

Grounding Protection: DC Grounded

RF Input: SMA Female
Mounting: Magnetic Mount
 w/20 Lb. Pull Force Min.

Approx. Weight: 5.7 Oz.

