

RGPS0214B-A

LOUD AND CLEAR

PRODUCT DESCRIPTION

Part Number RGPS0214B-A
Market Military Handheld or Direct Radio Mount

The RGPS0214B-A is a high performance active antenna ideally suited for harsh environments where location is critical. The antennas wideband, quadrifilar helix design allows operations at GPS L1 and GLONASS L1 frequencies with a direct fit SMA male connector, IP67 protected. The antenna can be directly mounted on a fixed or handheld radio.

PRODUCT SPECIFICATIONS

Application	Tracking Device
Frequency	1565MHz-1607MHz
Impedance	50 Ohms Nominal
VSWR	≤2.0:1
Nominal Gain	GPS L1 1.5 dBic @ 90° GL L1 -2.0 dBic @ 90°
Polarization	Right Hand Circular
Connector	SMA Male w/IP67 Protection
Max. Weight	0.07 Lbs
Color	Black

LOW NOISE AMPLIFIER SPECIFICATIONS

Frequency	1565-1607 MHz
Amplified Gain	@ 3.0DC: 26.5 dB Typical
Noise Figure	<2.0dB Typical
Out-of-Band Rejection	f0 = 1586 MHz f0 ±50 MHz: ≥60dBc f0 ±60 MHz: ≥70dBc
DC Voltage	2.5-5.5V Operating ≤12.0V Survivability
DC Current	<20mA Typical

