



EM-AG13007-NP
GPS/GLNSS (L1)
Fixed Point
Timing Reference/Tracking
Antenna

- Black Polycarbonate Radome, UV Resistant
- Rated IPX7
- Mounts directly to Bulkhead N Jack Connector
- Provides Precision Timing for Fixed Point Network and Asset Tracking Applications

Electrical Specifications

Frequency Band	1575-1610 MHz, GPS/GLONASS (L1)
VSWR, Output	<2.5:1
Gain, Antenna	3.5 dBic
Polarization	RHCP
Impedance	50Ω
Gain, LNA	31 ±3dB @ 5.0 VDC
Noise Figure	1.5 dB typ.
Out of Band Rejection	>28 dB
Current Drain	13 ±2mA @5.0 VDC
Operating Voltage	2.5-5.5 VDC
DC Injection	Coaxial Feed Cable Center Conductor
ESD Protection	15kV

Mechanical Specifications

Radome Color, Material	Black, Polycarbonate
Dimensions (H x OD)	1.18 x 2.35 in. (30 x 60mm)
Mounting	Type N Male Plug, Direct Attachment
Weight	.183 lb. (83g)
Connector Type / Material / Finish	N Male Plug / Brass / Nickel
Operating/Storage Temperature Range	-30° to 70° C / -40° to 85° C
Corrosion	Salt Fog
Humidity	95%
Ingress	IPX7

Specifications Subject to Change without Notification.