



EM-AG13007-SP-174
GPS/GLNSS (L1)
Fixed Point & Mobile
Applications
Timing and Tracking Antenna

- Black Polycarbonate Radome
- Low Profile for Reduced Visibility
- Environmental Seal: Silicone Compression Pad
- Ingress Rating: IPX7
- 5/8" Bulkhead Mount
- 3m Integrated Cable

Electrical Specifications

Frequency Band	1575-1610 MHz, GPS/GLONASS (L1)
VSWR, Output	<2.5:1
Impedance	50Ω
Gain, System	27 ±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	Bulkhead, 5/8" Thru Hole, Double D
Weight	.19 lb. (86.2g)
Connector Type	SMA Male Plug
Cable	9.8 ft. (3m), RG-174/U Type
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.