



## EM-BGT13006-TJ GPS/GLNSS (L1) Timing Antenna & Mount Kit

- High Selectivity Dual Filter RF Architecture Eliminates High Power RFI Operating within Multi-Located Base Station Environment
- Impact Resistant ASA Radome
- Rugged Die-Cast Aluminum Base
- IP67 Rated\*
- UV Resistant/Cool Gray for Reduced Visibility
- Mounts to Standard Pipe, up to 1-1/2"
- High Grade SS and Dacron Plated Steel Mounting Clamps Included

### Electrical Specifications

Frequency Band	1574.4-1610 MHz, GPS/GLONASS (L1)
VSWR, Output	<2:1
Impedance	50Ω
Gain, System	32 ±3dB @ 5.0 VDC
Noise Figure	3.1 dB typ.; 3.5 dB max
Out of Band Rejection	Up to 70 dB
Current Drain	7-13mA, typ.; 15mA max @5VDC, High Temp.
Operating Voltage	2.7-5.5 VDC
DC Injection	Coaxial Feed Cable Center Conductor
ESD Protection	15kV

### Mechanical Specifications<sup>†</sup>

Color / Finish	Cool Gray
Dimensions (H x OD)	10.38 x 3.25 in. (264 x 82.5mm)
Mounting Mast & Hardware / Material	Offset Clamp / SS & Dacron Plated Steel Clamps
Mounting Mast/Pipe	¾ in. NPT 316 SS Pipe
Weight	1.05 lb. ( 476.3g)
Connector Type	TNC Jack
Equivalent Flat Plate Area	.0838 ft <sup>2</sup> (77.85cm <sup>2</sup> )
Wind Velocity, Rated	150mph (241kph)
Operating Temperature Range	-40° to 85° C
Corrosion	Salt Fog
Humidity	95%
Ingress*	IP67 (attached to water sealed mast pipe)



TNC Jack

<sup>†</sup> All mechanical Specifications Include ¾" Support Mast. Specifications Subject to Change without Notification.