Product Data Sheet



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	1575.42 -1610 MHz, GPS/GLONASS (L1)
VSWR, Output	<2:1
Impedance	50Ω
Gain, System	30 ±3dB @1575.42 MHz, 29 ±3dB @1610 MHz
Noise Figure	<3.5 dB
Out of Band Rejection	60 dB
Current Drain	8 ±3mA
Operating Voltage	3-5.5 VDC
DC Injection	Coaxial Feed Cable Center Conductor
ESD Protection	15kV

Mechanical Specifications†



TNC Jack

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 304 SS Pipe
Weight	1.05 lb. (476.3g)
Connector Type	TNC Jack
Equivalent Flat Plate Area	.0838 ft^2 (77.85cm^2)
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)

† All mechanical Specifications Include ¾” Support Mast. Specifications Subject to Change without Notification.

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