



EM-BFG40006-NJ

2 dBi 4G/LTE

Fiberglass Base Station Antenna

- 698-960/1710-2500 MHz
- High Efficiency Performance all LTE bands 698-2500 MHz
- High Input Power Handling
- All Brass/Silver Plated Feed and Radiator Structure
- High Strength Filament Wound Fiberglass Radome (White)
- Includes Hardware for 1-1/2" Offset Pipe Mast Mounting

Electrical Specifications

Frequency Bands	698-960/1710-2500 MHz
VSWR	<1.8:1 typical, 2:1 max
Impedance	50Ω
Gain	2 dBi / 3 dBi
Power Rating	100 Watts
Polarization	Vertical
Radiation Pattern	Omni Directional
Vertical HPBW	65-72°, typical
Lightning/Static Protection	DC Grounded

Mechanical Specifications

Overall Length x Diameter (max)	18.1 x 1.6 in. (459 x 40.5mm)
Equivalent Flat Plate Area	.1149 ft ² (.0107m ²)
Wind Rating / Survival	130 mph (209 kph) / 224 mph (360 kph)
Wind Load (TIA-329C)	7.76 lbf @130 mph
Connector	Type N, Jack
Radome	Fiberglass, White
Connector Material, Finish	Brass, Silver
Weight (Antenna)	1.08 lb (0.49 kg)
Weight Including Hardware	2.11 lb (0.96 kg)
Operational Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C
Humidity	95% Condensing
Ingress	IP66 Water Resistant w/Drain Holes
Mounting Hardware	Included, Accommodates 1-1/2" Pipe

Specifications subject to change without notification.