em wave inc.

Product Data Sheet



EM-BFG11702-NJ
746-896 MHz, 2 dBi / 0 dBd
Fiberglass Base Station Antenna

- High Input Power Handling
- All Brass/Silver Plated Feed and Radiator Structure
- High Strength Filament Wound Fiberglass Radome (White)
- Exceeds 200 mph Wind Survival Rating
- DC Grounded for Static Dissipation and enhanced Lightning Protection.
- Includes Hardware for 1-1/2” Offset Pipe Mast Mounting

Electrical Specifications

Frequency Bands	746-896 MHz
VSWR	<1.5:1
Impedance	50Ω
Gain	2 dBi / 0 dBd
Power Rating	150 Watts
Polarization	Vertical
Radiation Pattern	Omni Directional
Vertical HPBW	72º, nominal
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.

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