em wave inc.

Product Data Sheet



Fiberglass Base Station Antenna
EM-BFG11402-NJ (420-520 MHz)

- Wide Band Performance
- High Input Power Handling
- All Brass/Silver Plated Feed and Radiator Structure
- High Strength Filament Wound Fiberglass Radome (White)
- Exceeds 200mph (322kph) Wind Survival Rating
- DC Grounded for Static Dissipation and enhanced Lightning Protection

Electrical Specifications

Frequency Band	420-520 MHz
VSWR	<1.5:1 (440-470 MHz)
	<2.0:1 (420-520 MHz)
Impedance	50Ω
Gain / HPBW	2 dBi / 70º nominal
Power Rating	150 Watts
Polarization	Vertical, Linear
Radiation Pattern	Omni Directional
Lightning/Static Protection	DC Grounded

Mechanical Specifications

Dimensions	24.8 x 1.6 in. (0.63m x 40.5mm) [LxD]
EFPA	0.157 ft^2 (0.0146m^2)
Wind Rating / Survival	200mph (322kph) / 224mph (360kph)
Connector	Type N, Jack
Radome	Fiberglass, Filament Wound, White
Connector Material, Finish	Brass, Silver
Mounting Kit	Sold Separately
Weight (Antenna), max	2 lb (0.9 kg)
Operational/Storage Temperature	-40°C to 85°C
Humidity	95% Condensing

Specifications subject to change without notification.

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