

Fiberglass Base Station Antennas**EM-BFG11402-NJ****EM-BFG11405-NJ****450-470 MHz**

- Broad 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	450-470 MHz
VSWR	<1.5:1
Impedance	50Ω
Gain / HPBW (EM-BFG11402-NJ)	2 dBi / 70° nominal
Gain / HPBW (EM-BFG11405-NJ)	5 dBi / 35° nominal
Power Rating	150 Watts
Polarization	Vertical, Linear
Radiation Pattern	Omni Directional
Lightning/Static Protection	DC Grounded

Mechanical Specifications

Dimensions	(EM-BFG11402-NJ)	24.8 x 1.6 in. (0.63m x 40.5mm) [LxD]
	(EM-BFG11405-NJ)	46 x 1.6 in. (1.17m x 40.5mm) [LxD]
EFPA	(EM-BFG11402-NJ)	0.157 ft ² (0.0146m ²)
	(EM-BFG11405-NJ)	0.283 ft ² (0.026m ²)
Wind Rating / Survival		200mph (322kph) / 224mph (360kph)
Connector		Type N, Jack
Radome		Fiberglass, Filament Wound, White
Connector Material, Finish		Brass, Silver
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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