em wave inc.

Product Data Sheet



EM-BFG11905-NJ
5 dBi 902-928 MHz
Fiberglass Basestation Antenna

- 26 MHz Bandwidth
- SCADA and ISM Applications
- High Power Rating
- Rugged All Brass Feed and Radiator
- High Strength Filament Wound Fiberglass Radome (White)

Electrical Specifications

Frequency Band	902-928 MHz
VSWR	1.5:1
Impedance	50Ω
Gain	5 dBi / 3 dBd
Power Rating	100 Watts
Polarization	Vertical
Radiation Pattern	Omni Directional
Vertical HPBW	36-40º
Lightning Protection	DC Grounded

Mechanical Specifications

Overall Length x Diameter (max)	20.7 x 1.22 in. (525 x 31mm)
Equivalent Flat Plate Area	.0996 ft^2 (.0093m^2)
Wind Rating / Survival	130 mph (209 kph) / 224 mph (360 kph)
Wind Load (TIA-329C)	6.73 lbf @130 mph
Connector	Type N, Jack
Radome	Fiberglass, White
Connector Material, Finish	Brass, Nickel
Weight (Antenna)	0.97 lb (0.44kg)
Weight Including Hardware	1.25 lb (0.57kg)
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	Mounting Clamps, Included

Specifications subject to change without notification.

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