



Ultra High Performance
Omni Fiberglass
868MHz Antenna

6.5dBi

bbmicrowave.com



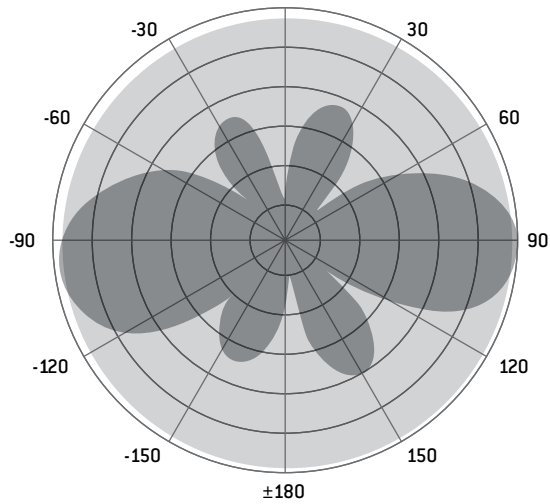
Omni Fiberglass Antenna 6.5dBi 868MHz Tech Specs

Electrical Specifications		Product Picture
RF Antenna Type	Omnidirectional Antenna	
Model	BBM-ANT-ONM-868-6.5DBI-25	
Frequency	868 MHz	
Gain	6.5 dBi	
VSWR	1.1 - 1.3	
Impedance	50 Ω	
Polarization	Vertical	
Horizontal Beam-width(0°)	360°	
Vertical Beamwidth(0°)	35±5°	
Connector	N Male	
Max Power	50 W	
Radiation Pattern	Omnidirectional	
Lightning Protection	DC Ground	
Mechanical Specifications		Mounting
Dimensions	25x900 mm	
Packaging Size	930 mm (L) x 50 mm (D)	
Packaging Type	individually packed in carton tube box with protective foam inside	
Gross Weight*	0.978 kg	
Operational Humidity	<65%	
Rated Wind Speed	200 km/h	
Radome Material	Fiberglass	
Storage Temperature Range	-40°C +75°C	
Working Temperature Range	-40°C +65°C	
Color	White	
Antenna Form	Single Band	
Mounting	Screw	
RoHS	Compliant	Mounting Kit included: 2 x mounting plates, 2 x U-brackets, and all screws and nuts
Applications	SCADA/Utilities, IoT/M2M/LoRa/ISM	

* Gross Weight includes the weight of the antenna and the mounting kit.



Omni Fiberglass Antenna 6.5dBi 868MHz Antenna Radiation Pattern Test Data



Omni Fiberglass Antenna 6.5dBi 868MHz Antenna S Parameter Test Data

Trc 1 **S11** SWR 100 mU Ref 1 U Cal

