



MCGILL MICROWAVE
SYSTEMS

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IOT Network-Optimised 3 dBi Omni Directional Antenna

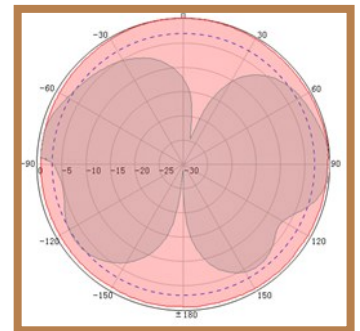
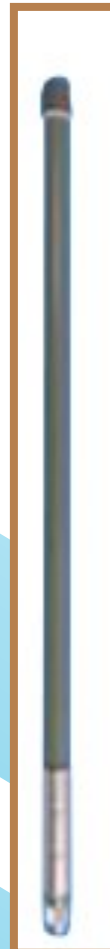
McGill Part No: MM-ANT-NM-868-3dBi-IOT

McGill Microwave Systems offer a superior range of Optimised Ultra High Performance IOT Network Antennas specifically designed and tuned to offer superior range and coverage for the individual IOT Network operating frequency range for your area. These new designs offer in excess of a 7% improvement in transmitted power compared to many other alternative Antenna designs available. A comprehensive range of different gain designs are available for immediate delivery – ensuring the perfect Antenna solution for a variety of installations and geographical locations - [Omnidirectional and directional antennas with various gains](#)

McGill Microwave manufactures and supplies a complete range of antenna Installation Kits including Times Microwave Systems LMR™ Ultra Low Loss Coaxial Cable Assemblies, Times Lightning Protection Devices and an innovative range of Antenna installation solutions including solutions where no drilling of walls to mount antenna externally is required. Contact us for further details.

Product Specifications

Item	Value
Frequency Range	865 – 870 MHz
Gain	3 dBi
HPBW _h (Deg)	360 degrees
HPBW _v (Deg)	56 +/- 1 Degrees
Tilt (Deg)	0 Degrees
Polarisation	Vertical
Input Impedance	50 Ω
VSWR	≤1.5
Maximum Power	50 Watts
Antenna Connector	N Type Male
Lightning protection	DC Ground
Antenna Height	300 mm
Antenna Diameter	20 mm
Weight	0.5 Kg
Material	Fibreglass
Colour	Grey
Rated Wind Speed	120 Km/h
Temperature Range	-40c/+55C
Mounting Bracket Included	Yes 



Antenna Radiation Pattern

Contact us for more details

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