




## Helium Network-Optimised 6 dBi Omni Directional Antenna

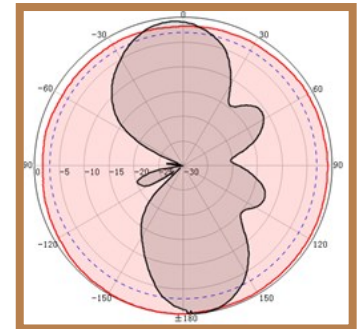
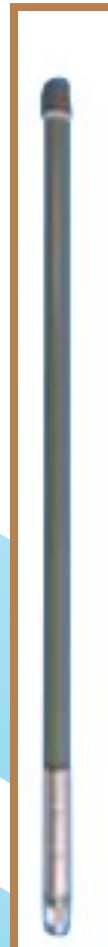
**McGill Part No:** MM-ANT-NM-868-6dBi (UK/EU/India/Russia)

McGill Microwave Systems offer a superior range of Optimised Ultra High Performance Helium Network Antennas specifically designed and tuned to offer superior range and coverage for the individual Helium 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 - directly resulting in increased HNT Revenue generating potential.

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 - 3 dBi, 6 dBi, 6.5 dBi, 7.5 dBi, 9 dBi.

McGill Microwave’s manufacture and supply a complete range of Helium Installation Kits including Times Microwave Systems LMR™ Ultra Low Loss Coaxial Cable Assemblies, Times Lighting Protection Devices and an innovative range of Antenna installations 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 UK/EU 865 UK & Europe, IN 865 India, RU 864 Russia
Gain	6 dBi
HPBW <sub>h</sub> (Deg)	360 degrees
HPBW <sub>v</sub> (Deg)	35 +/- 1 Degrees
Tilt (Deg)	0 Degrees
Polarisation	Vertical
Input Impedance	50 Ω
Typical VSWR @ EU868MHz	1.33:1
Maximum Power	50 Watts
Antenna Connector	N Type Male
Lightning protection	DC Ground
Antenna Height	550 mm
Antenna Diameter	20 mm
Weight	0.8 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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