

www.mcgillmicrowave.com

## Helium Network-Optimised 7.5 dBi Omni Directional Antenna

McGill Part No: MM-ANT-NM-868-7.5dBi (UK/EU/India/Russia)

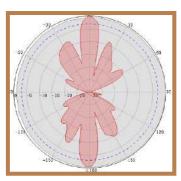
McGill Microwave Systems offer a superior range of Optimised Ultra High Performance Helium Network Antennas specifically designed and tuned to offer superior range and coverage for the individual Helium Network operating frequency range for your area. These new designs offer in excess of a 7% improvement 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	are	required.
------------	-----	-----------

Product Specifications		
Item	Value	
Frequency Range	865 – 870 MHz UK/EU 865 UK & Europe, IN 865 India, RU 864 Russia	
Gain	7.5 dBi	
HPBWh (Deg)	360 degrees	
HPBWv (Deg)	13 +/- 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	1140 mm (Fully Assembled)	
Antenna Design	Half Split, Omni Directional.	
Antenna Diameter	38 mm	
Weight	2.5 Kg	
Material	Fibreglass	
Colour	White	
Rated Wind Speed	126 Km/h	
Temperature Range	-40c/+55C	
Mounting Bracket Included	Yes D	



Antenna Radiation Pattern

## Contact us for more details

Unit 5, Block 9 Mitchelston Ind Est, Kirkcaldy, Fife, KY1 3PE, UK Email: contact@mcgillmicrowave.com

Tel: UK +44 (0)1592 655428 | USA +1 (203) 949 8480

