




Helium Network-Optimised 7.5 dBi Omni Directional Antenna

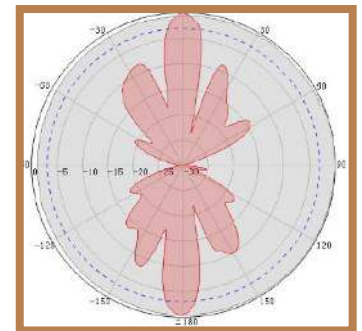
McGill Part No: MM-ANT-NM-915-7.5dBi (USA/Canada/Australia etc)

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 | 902 – 929 MHz US 915, US 902-928, AU 915, NZ 915, AS 923-1/2/3, KR 920 |
| Gain | 7.5 dBi |
| HPBW _h (Deg) | 360 degrees |
| HPBW _v (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  |



Antenna Radiation Pattern

Contact us for more details

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