



MCGILL MICROWAVE
SYSTEMS

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4G CROSS POLARISED LTE OMNI ANTENNA

McGill Part No: MM-ANT-CP-LTE-3.5DBI

McGill Microwave Introduce the New, Optimised 4G Cross Polarised LTE Omni Antenna. The Frequency Ranges supported are 790-960MHz, 1710-2170MHz, 2300-2400MHz and 2500-2700 MHz bands.

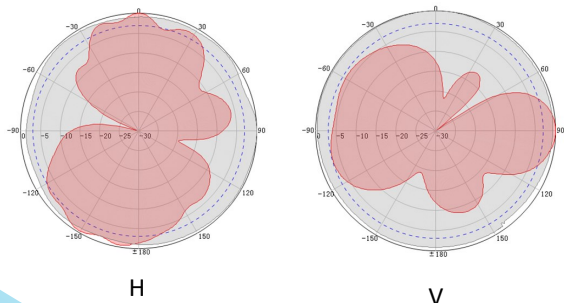
This antenna provides an innovative and future proof solution for 4G / 3G and 2G networks. It is a dual polarised, full LTE band omnidirectional antenna. Incorporating two separately fed ultra-wideband elements in a single housing, the antenna is equipped to provide client side MiMo and diversity support for the networks of today and tomorrow.

The dBi Gain across all bands are unsurpassed. Competing antennas struggle to achieve more than 2.5dBi gain as a maximum. Our antenna achieves 4.3dBi gain as a maximum, combined with increased connectivity stability.

The Dual Polarised with full LTE band Omni Directional Antenna can be used for both outdoor and indoor use

The housing is made from ASA material which has excellent resistance to UV from sunlight. This is much better than competing brands who opt for ABS housings. The ABS housings are less resistance to weathering.

Product Specifications	
Item	Value
Frequency Range (MHz)	680-960/1710-2700 MHz
Gain	3.5dBi
HPBW _h (Deg)	360°
HPBW _v (Deg)	80°/35°
Polarisation	Horizontal + Vertical
Input Impedance	50 Ω
VSWR	≤ 1.5
Maximum Power	50 Watts
Antenna Connector	N Female
Lightning protection	DC Ground
Antenna Dimensions	265mm x 175mm x 58mm
Material	ASA
Colour	White
Rated Wind Speed	126 Km/h
Temperature Range	-40c/+55C
Mounting Type	Pole



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