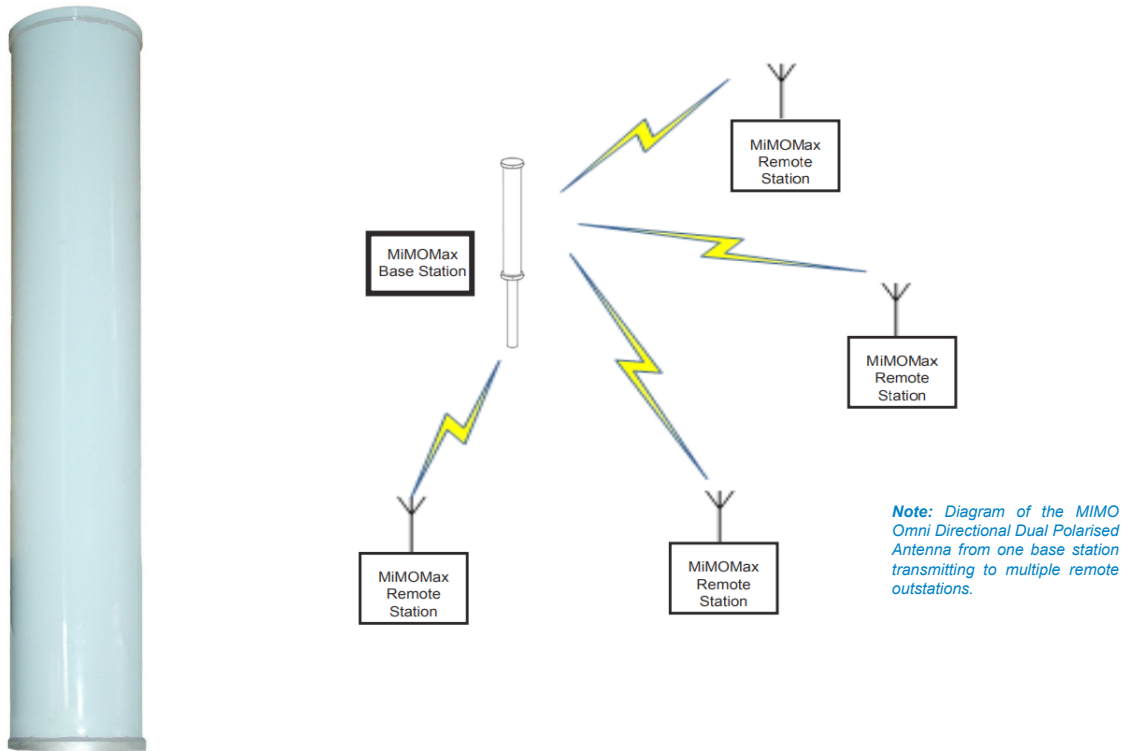


MIMO OMNI-DIRECTIONAL DUAL POLARIZED ANTENNA - 8dBi

700MHz Antenna Spec Sheet



The Mimomax MIMO Omni-Directional Dual Polarised Antenna transmits omni directional (360 degree) signals and has a unique, non-intrusive and vertical physical structure.

Like all Mimomax Antennas, the MIMO Omni-Directional Antenna is cross polarised. It transmits both vertically and horizontally polarised signals in a bi-quadrature diversity format, increasing signal quality and resilience to path interference.

The Mimomax MIMO Omni-Directional Dual Polarised Antenna is specifically designed for point-to-multipoint master base station solutions where 360 degree path signals are required to transmit simultaneously to a number of remote outstations.

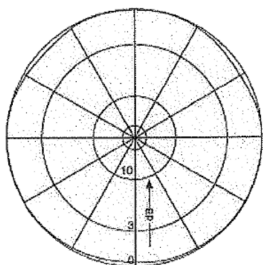
700MHz MIMO OMNI-DIRECTIONAL DUAL POLARIZED ANTENNA SPECIFICATIONS

Electrical Specifications		
Antenna Gain	5 dBi	8 dBi
Frequency	Port 1: 698-960 MHz Port 2: 698-960 MHz	Port 1: 698-960 MHz Port 2: 698-960 MHz
Polarization ≤	Port 1: H Port 2: V	Port 1: H Port 2: V
Half-power Horizontal Beamwidth	360°	360°
Half-power Vertical Beamwidth	12°	25°
VSWR	≤1.5	≤1.5
IM. 3rd order (2x43dBm)	< -150 dBc	< -150 dBc
Isolation	> 25 dB	> 25 dB
Impedance	50	50
Maximum Input Power	100W	100W
Lightning Protection	DC Ground	DC Ground

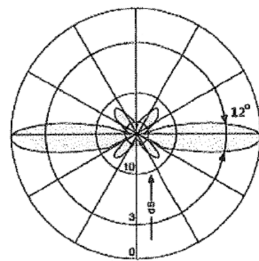
Mechanical Specifications		
Connector	2 x N-Female	2x N-Female or Din Female
Dimensions	300mm (H) x 1000mm (∅)	300mm (H) x 2000mm (∅)
Weight	12kg	15kg
Radome Material	UPVC/Fiber Glass	UPVC/Fiber Glass
Installation	Clamp for poles diameter 30-55mm	Flange Base
Operating Temperature	-55°C - 65°C	-55°C - 65°C
Max Wind Speed	200km/h	200km/h

Product Orders	
Product Code	Description
ANT-698-960-008-OD00	700MHz MiMO Co-Linear, 698-960MHz, 8dBi, 2 x N-Female

Important: Specifications are subject to change without prior notice

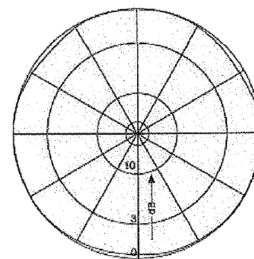


Horizontal Pattern

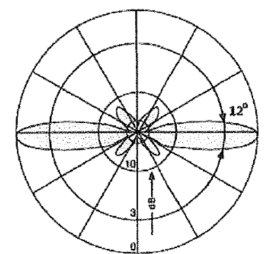


Vertical Pattern

5dBi MIMO Dual Polarised Omni Directional Antenna



Horizontal Pattern



Vertical Pattern

8dBi MIMO Dual Polarised Omni Directional Antenna