



Product Data Sheet

WMM-7-27

WiMAX

MiMo Low Profile Antenna



WMM-7-27

- Supports MiMo & diversity across 2G /3G / 4G
- Two ultra wideband elements
- Durable wall mount housing
- Suitable for mast and wall bracket mounting

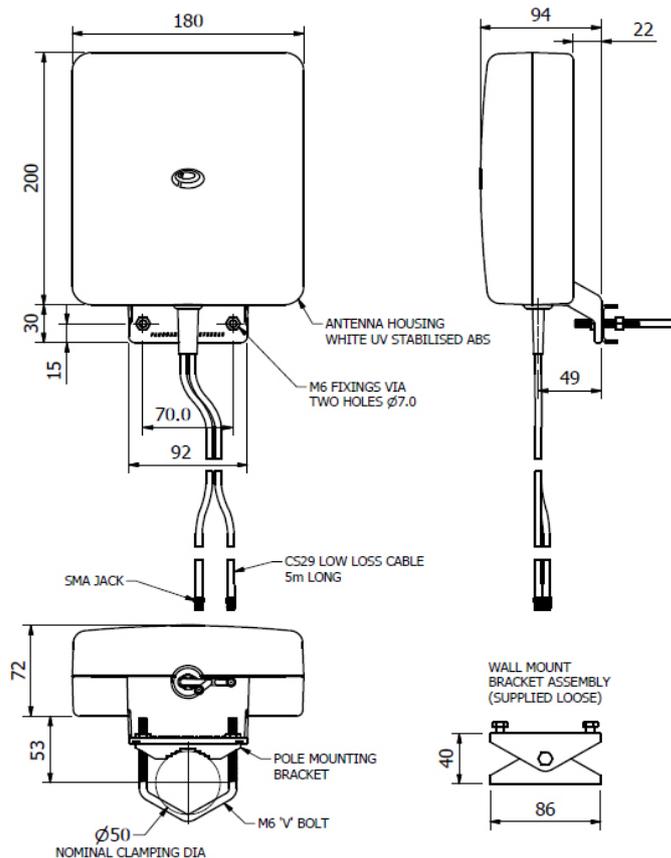
The WMM antenna provides an innovative and future proof solution for 2G / 3G and 4G networks. Incorporating two separately fed ultra wideband elements in a single housing the WMM is equipped to provide client side MiMo and diversity support for the networks of today and tomorrow.

The rugged, weatherproof housing is designed for wall mounting and wall and mast mount brackets are provided.

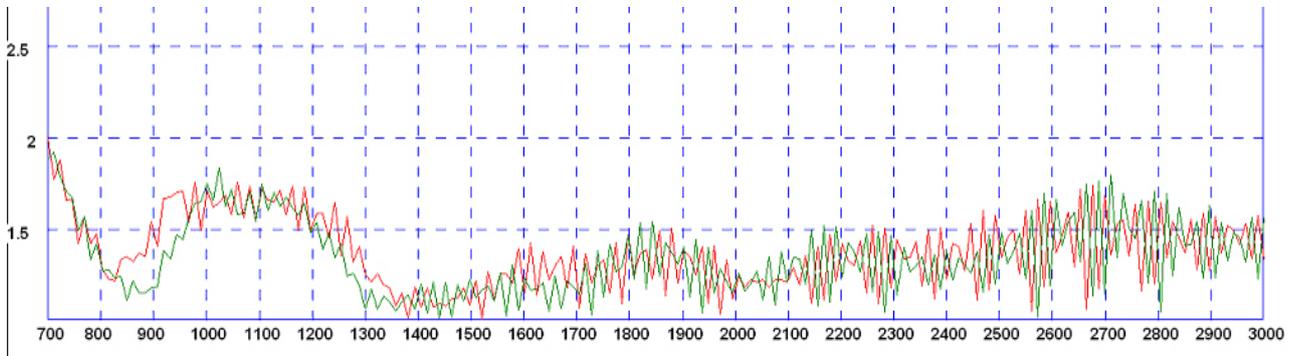
5 metres of fitted low loss double shielded twin cable minimises exposed connector joints and simplifies cable management for easy installation.

The WMM is a cost effective value added product for network operators and service providers ensuring a stable link with improved data rates for subscribers thereby improving satisfaction and retention.

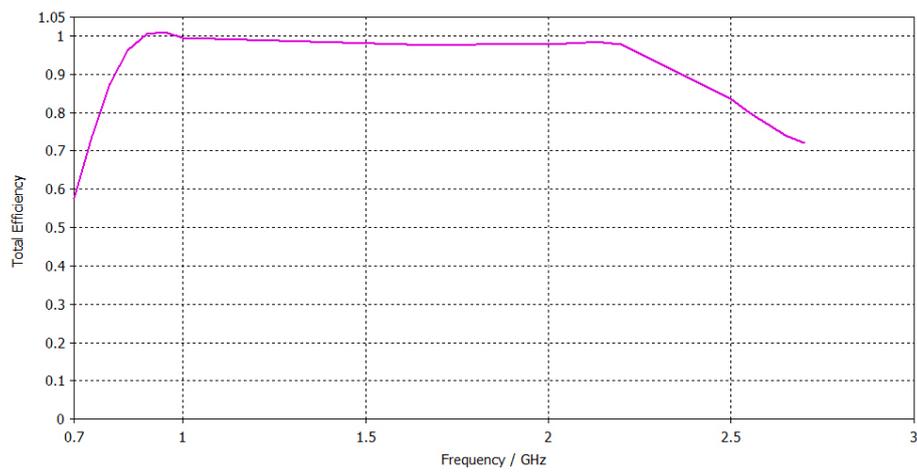
Technical Drawing



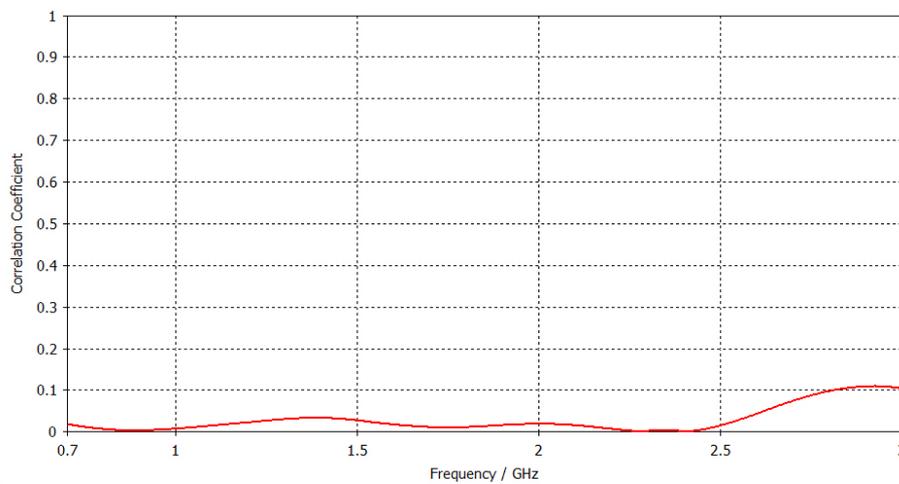
VSWR Elements 1 & 2



Total Efficiency Elements 1 & 2



Correlation Co-efficient



MiMo Low Profile Antenna

Part No.		WMM-7-27
Electrical Data		
Frequency Range (MHz)	Antenna 1	698-960 / 1710-2700
	Antenna 2	698-960 / 1710-2700
Operational Bands	2G / 3G / 4G	
VSWR	< 2.5:1	
Gain (all bands)	> 2.5dBi	
Total Efficiency (all bands)	> 70%	
Correlation Co-efficient (all bands)	< 0.1	
Element Isolation	> 20dB	
Max Input Power (W)	20 Watts	
Impedance	50Ω	
Mechanical Data		
Dimensions (mm)	Height	200 (7.87")
	Width	180 (7.08")
Operating Temp (°C)	-40° / +80°C (-40° /180°f)	
Material	Flame Retardant U.V. Stabilised ABS	
Colour	RAL9010 (Pure White)	
Mounting Data		
Fixing	Wall Mount / Mast Mount	
Mounting bracket material	Stainless Steel	
Pole Diameter (mm)	20-50 / (0.78 - 1.96")	
Cable Data		
Type	2 x CS29 Coax	
Thickness (mm)	5 (0.2")	
Length (m)	5 (16')	
Termination	2 x SMA Plug	
Adaptor Pigtails	Supplied separately	

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