



# Product Data Sheet

WMM-7-27

# WiMAX

## MiMo Low Profile Antenna



### WMM-7-27

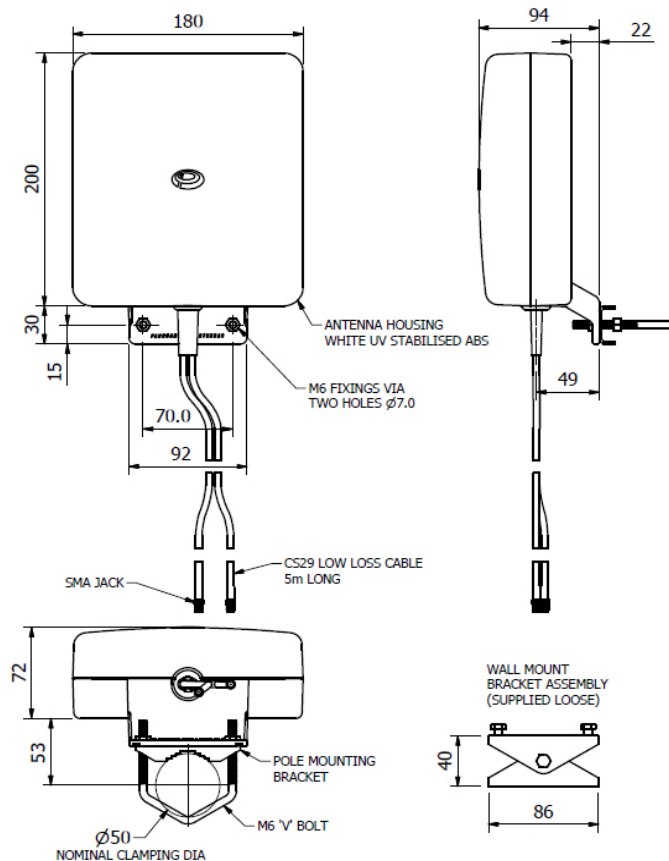
- Supports MiMo & diversity across 2G /3G / 4G
- Two ultra wideband elements
- Durable wall mount housing
- Suitable for mast and wall bracket mounting

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.

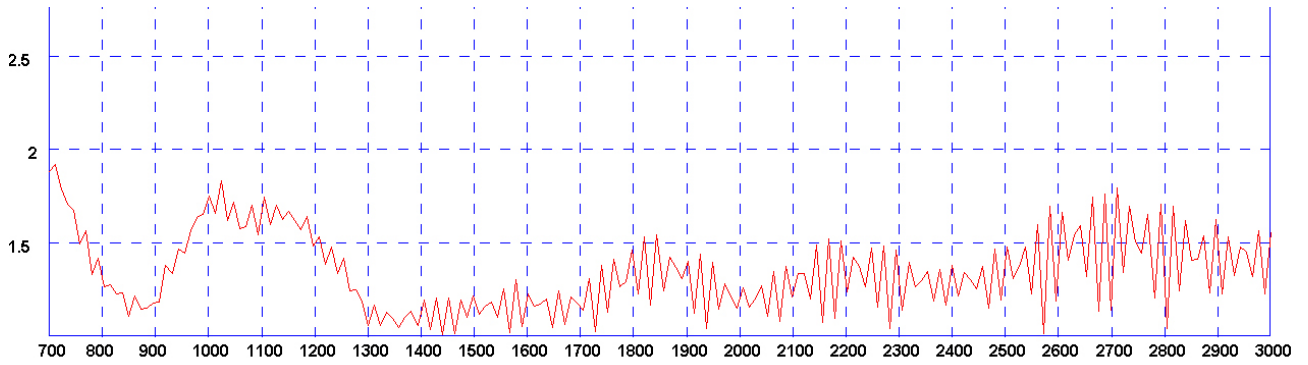
The rugged housing is designed for wall mounting and wall and mast mount brackets are provided.

5metre fitted low loss twin cable minimises connector exposed connector joints and simplifies cable management for easy installation.

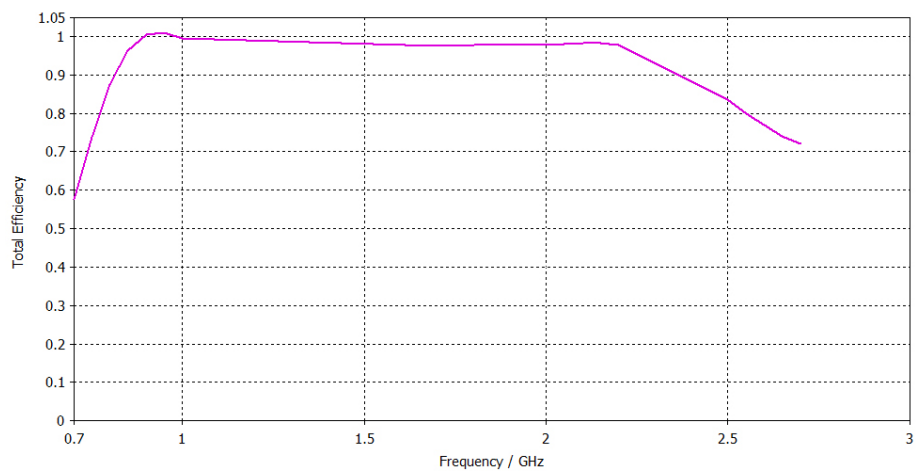
### Technical Drawing



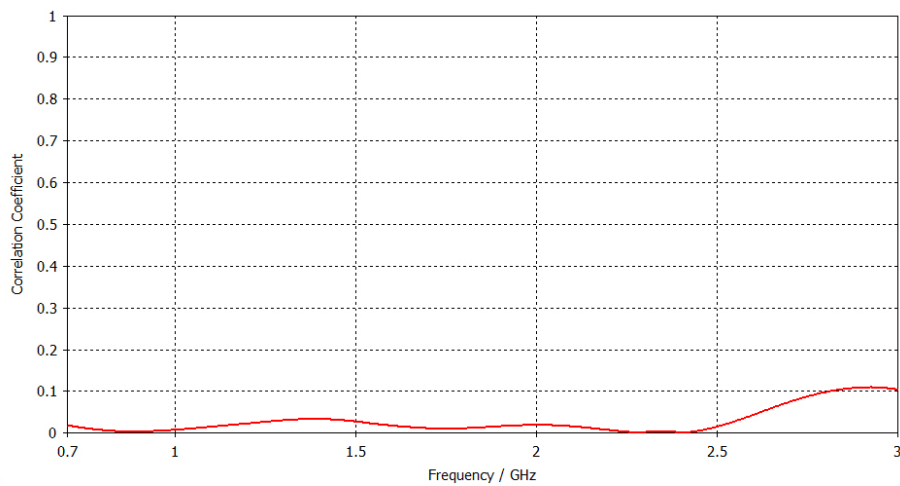
VSWR Elements 1 & 2



Total Efficiency Elements 1 & 2



Correlation Co-efficient



## MiMo Low Profile Antenna

Part No.		WMM-7-27
<b>Electrical Data</b>		
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	
<b>Mechanical Data</b>		
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)	
<b>Mounting Data</b>		
Fixing	Wall Mount / Mast Mount	
Mounting bracket material	Stainless Steel	
Pole Diameter (mm)	20-50 / (0.78 - 1.96")	
<b>Cable Data</b>		
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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