



Product Data Sheet

WMMG-7-27

WiMAX / LTE

Wall Mount Gain MiMo Antenna



WMMG-7-27

Supports MiMo & diversity across 2G / 3G / 4G

Two wideband elements with Gain

Durable wall mount housing

Suitable for mast, wall and desk mounting

The WMMG 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.

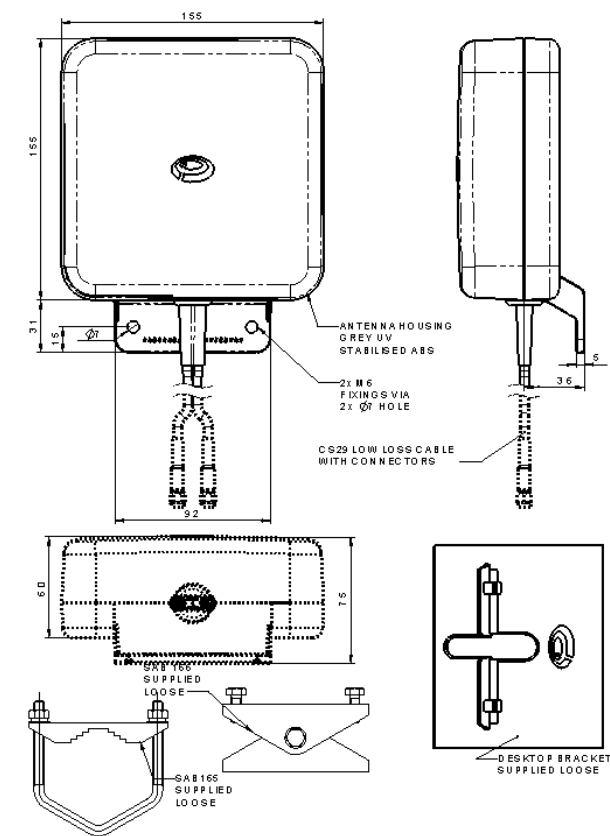
With 2dBi gain at 800-960MHz, 5dBi gain at 1710-2170MHz and 4dBi gain at 2.6Mhz the WMMG provides extra gain performance for 3G networks where it is needed most.

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

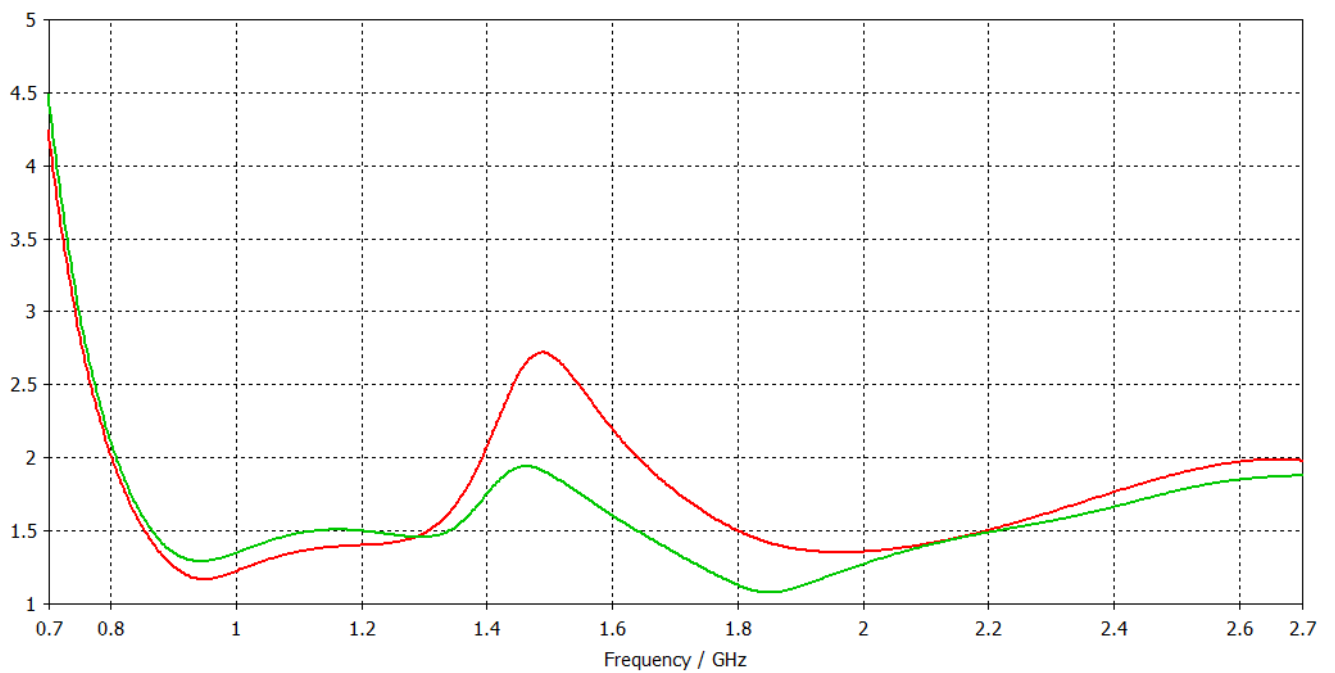
5 metres of fitted low loss double shielded twin cable minimises exposed connector joints and simplifies cable management for easy installation.

The WMMG is an cost effective value added product for network operators and service providers ensuring a stable link with improved data

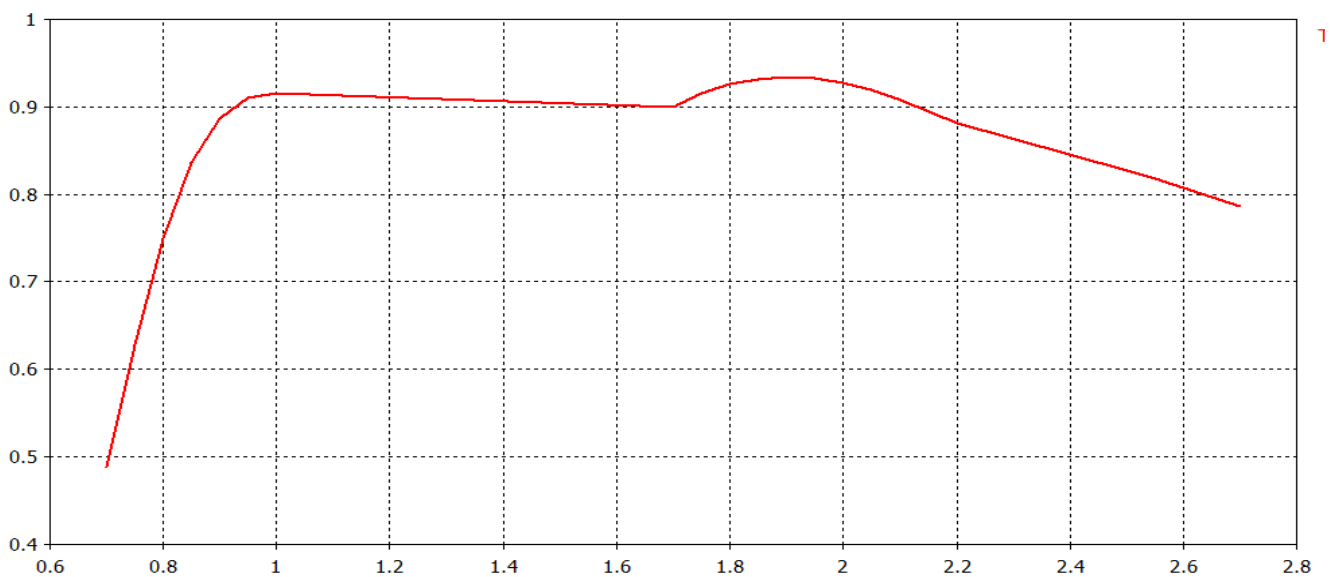
Technical Drawing



Typical VSWR Elements 1 & 2



Typical Efficiency



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Part No.		
WMMG-7-27		
Electrical Data		
Frequency Range (MHz)	Antenna 1	800-960 / 1710-2700
	Antenna 2	800-960 / 1710-2700
Operational bands		2G / 3G / 4G
Radiation pattern		Omni-directional
VSWR		< 2:1
Gain (excluding cable loss)	800-960MHz	2dBi
	1710-2170 MHz	5dBi
	2.5-2.7 GHz	4dBi
Efficiency - excluding cable loss (all bands)		> 70%
Correlation co-efficient (all bands)		< 0.2
Element isolation		> 20dB
Max input power (W)		20 Watts
Impedance		50Ω
Mechanical Data		
Dimensions (mm)	Height	186
	Width	155
Operating temp (°C)		-40° / +80°C (-40° / 180°F)
Material		U.V. Stabilised, Impact resistant ABS
Colour		RAL9010 (Pure White)
Ingress Protection		Equivalent to IP67
Mounting Data		
Fixing		Wall mount / mast mount / desk mount
Mounting bracket material		Stainless steel
Pole diameter (mm)		20-50 / (0.78 - 1.96")
Cable Data		
Type		2 x CS29 Coax
Diameter (mm)		5 (0.2")
Length (m)		5 (16')
Termination		2 x SMA (m) (p/n WMMG-7-27-5SP) or 2 x FME (f) (p/n WMMG-7-27-5F)
Adaptor Pigtails		Supplied separately

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Waiver: The data given above is indicative of the performance of the product/s under particular conditions and does not imply a guarantee of performance. These specifications are subject to change without notice.

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