

4G/5G Desk Mount MiMo Antenna

DMM-6-60[-VAR]



- 2x2 MiMo for 4G/5G
- Desk, window or wall mount
- Integrated twin cable with a range of connectors

The DMM antenna provides an innovative and future proof solution for 2G / 3G / 4G and 5G networks. Incorporating two separately fed ultra wideband elements in a single housing the DMM is equipped to provide portable MiMo and diversity support for frequencies from 617-960/1710-6000MHz.

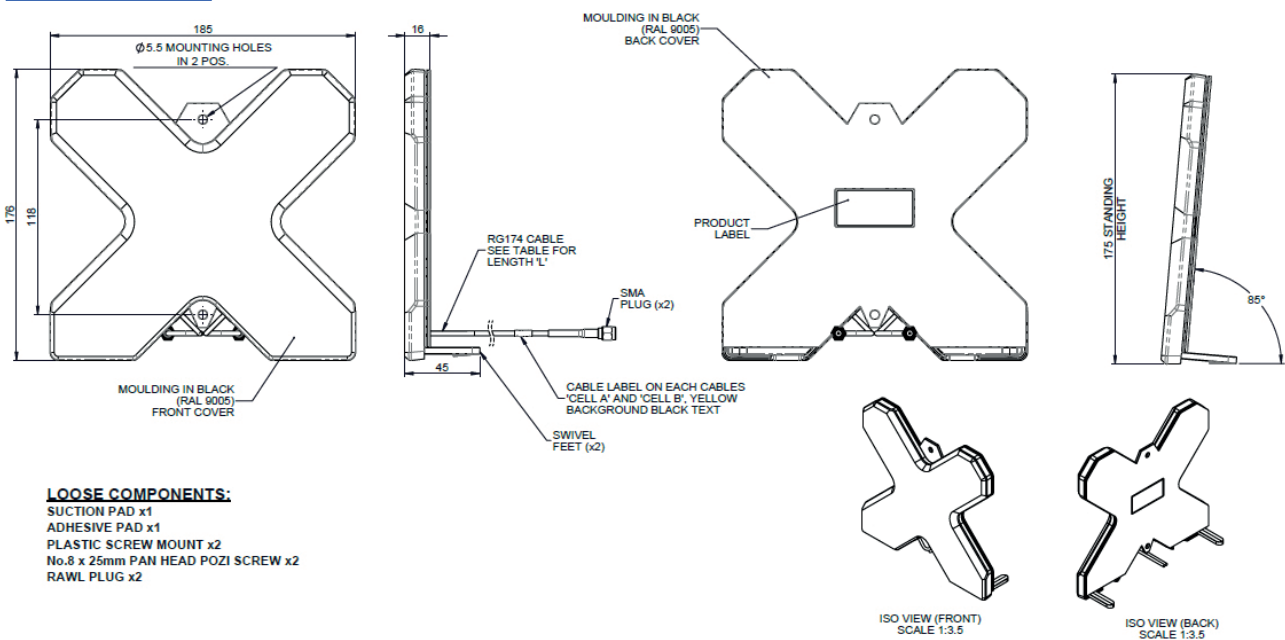
The DMM is highly portable and features desk mount feet which fold out for use, and flat for transport. A handy suction window mount enables users to optimise their signal in multiple locations, with instant installation and easy removal. For more permanent situations screw and adhesive pad mounting options are also provided

The product is supplied with up to 2 metres (6') of cable and a variety of connectors are available.

The DMM is an 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

DMM-6-60-2SP Shown



4G/5G Desk Mount MiMo

Antenna

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PANORAMA  ANTENNAS

Product Data

Part No.		DMM-6-60-2SP	DMM-6-60-05SP	DMM-6-60-2TS9
Electrical Data				
Frequency Range (MHz)	Antenna 1	617-960 / 1710-6000		
	Antenna 2	617-960 / 1710-6000		
Operational Bands		2G / 3G / 4G / 5G		
Radiation Pattern		Omni-directional		
Typical VSWR		< 2.5:1		
Peak Gain - excluding cable loss (all bands)	698-960MHz	2dBi		
	1710-2600MHz	3dBi		
	3.4-6.0GHz	5dBi		
Efficiency - excluding cable loss (all bands)		> 80%		
Correlation Co-efficient (all bands)		< 0.1		
Element Isolation		> 12dB		
Max Input Power (W)		20 Watts		
Impedance		50Ω		
Mechanical Data				
Dimensions (mm)	Height	176.3 (6.94")		
	Width	184.6 (7.27")		
	Depth	14 (0.55")		
Operating Temp (°C)		-40° / +80°C (-40° /180°F)		
Material		U.V. Stabilised ASA		
Colour		RAL9005 (Jet Black)		
Weight		250g		
Mounting Data				
Fixing		Desk mount / screw mount / window mount		
Cable Data				
Type		2 x RG174		
Diameter (mm)		2.8 (0.1")		
Length (m)		2 (6.5')	0.5 (1.5')	2(6.5')
Termination		2 x SMA (m)	2x SMA Plugs	2 x TS9 (m)

† Peak gain measured in free space and excludes cable loss.

* Typical VSWR measured in free space with 2m (6') of RG174 cable.

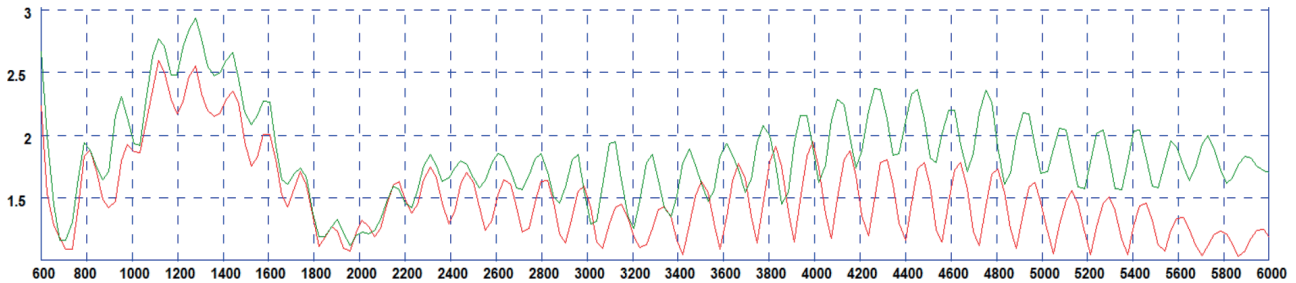
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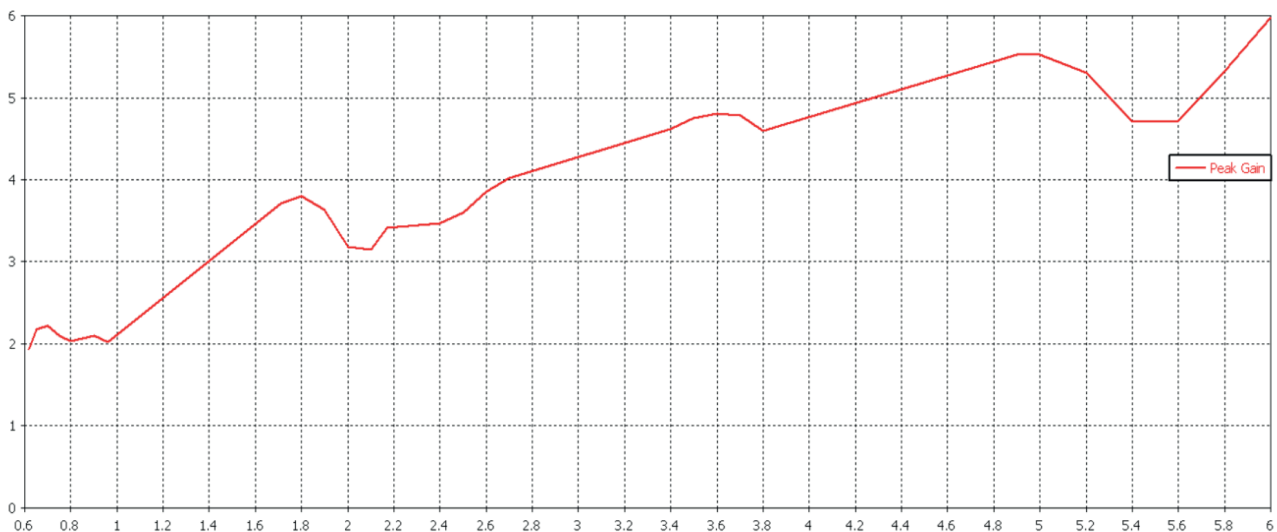
Electrical Data

Typical VSWR*



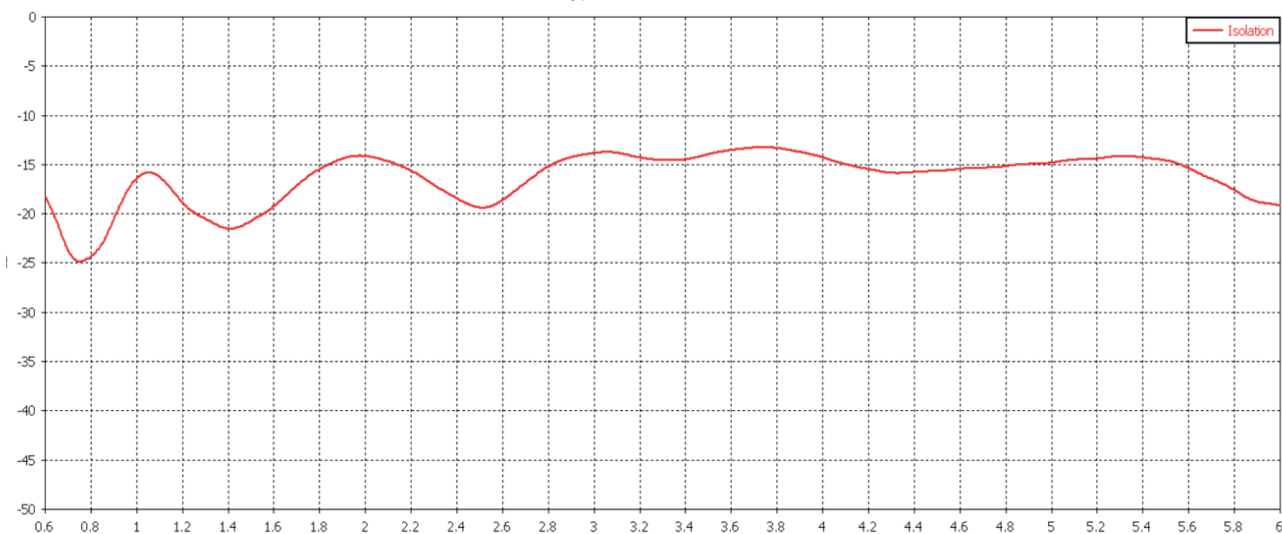
*VSWR elements 1&2 measured in free space with 1m (3') of CS29 cable

Swept Peak Gain **



**Swept peak gain simulated in CST Microwave Studio without cable loss

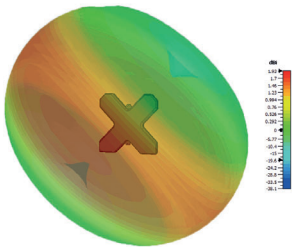
Typical Isolation ***



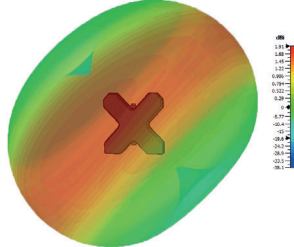
***Typical isolation simulated in CST Microwave Studio without cable loss

Product Data

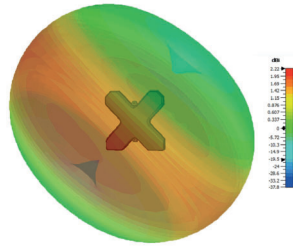
3D Pattern Element 1 (617MHz)



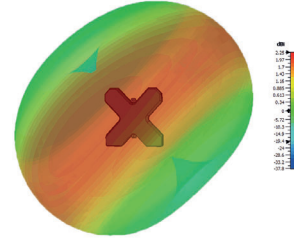
3D Pattern Element 2 (617MHz)



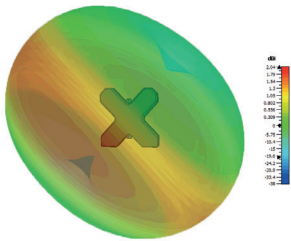
3D Pattern Element 1 (700MHz)



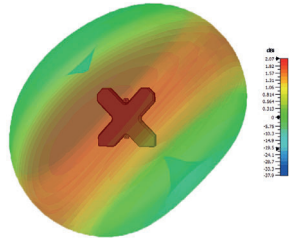
3D Pattern Element 2 (700MHz)



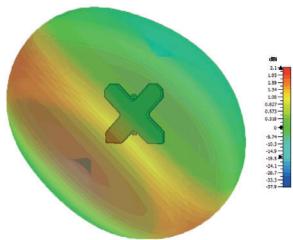
3D Pattern Element 1 (800MHz)



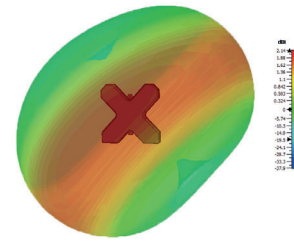
3D Pattern Element 2 (800MHz)



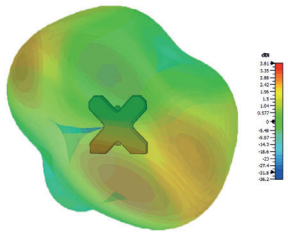
3D Pattern Element 1 (900MHz)



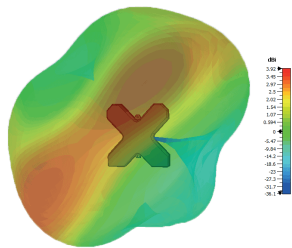
3D Pattern Element 2 (900MHz)



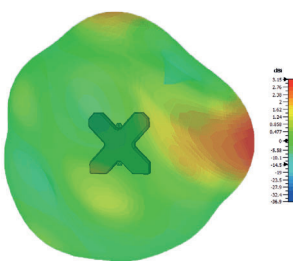
3D Pattern Element 1 (1800MHz)



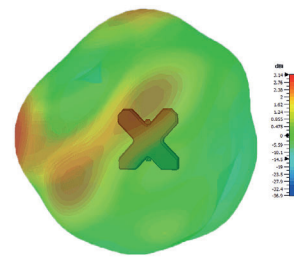
3D Pattern Element 2 (1800MHz)



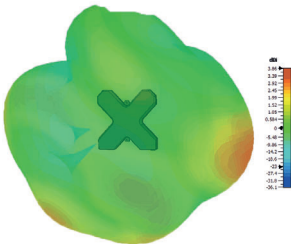
3D Pattern Element 1 (2100MHz)



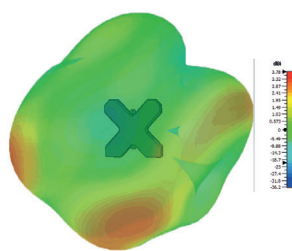
3D Pattern Element 2 (2100MHz)



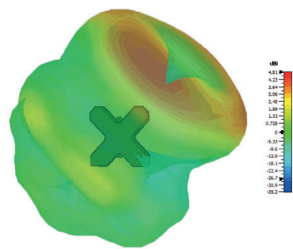
3D Pattern Element 1 (2600MHz)



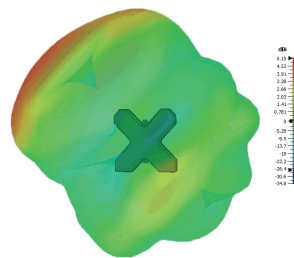
3D Pattern Element 2 (2600MHz)



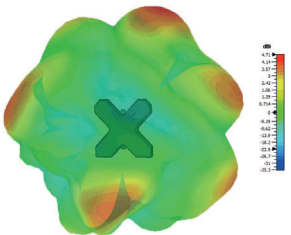
3D Pattern Element 1 (3600MHz)



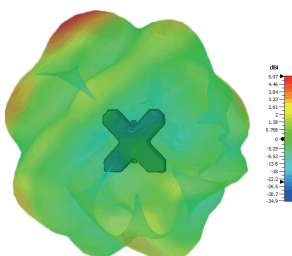
3D Pattern Element 2 (3600MHz)



3D Pattern Element 1 (5400MHz)



3D Pattern Element 2 (5400MHz)



3D patterns simulated in CST Microwave Studio excluding cable loss