4G/5G Desk Mount MiMo

Antenna

DMM-6-60[-VAR]





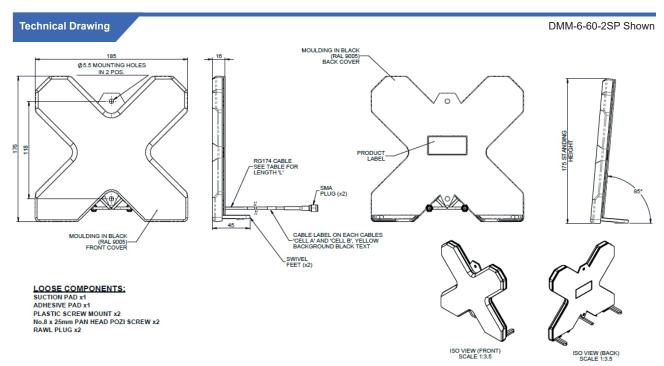
- 2x2 MiMo for 4G/5G
- · Desk, window or wall mount
- · Integrated twin cable with a range of connectors

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.



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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 - excludii bands)	ng cable loss (all		> 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				
Туре			2 x RG174	
Diameter (mm)			2.8 (0.1")	
Length (m)		2 (6.5')	0.5 (1.5')	2(6.5')
Termination		2 × SMA (m)	2x SMA Plugs	2 × TS9 (m)

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

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

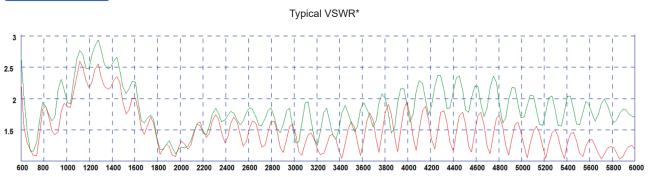
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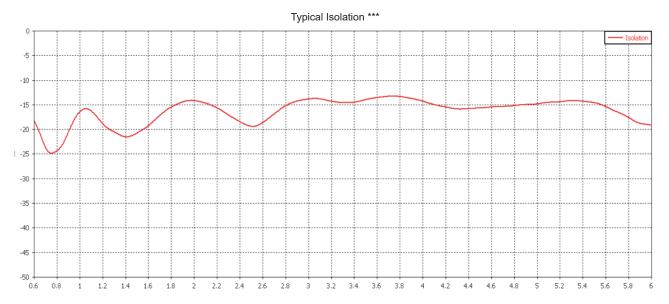
Electrical Data



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



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



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

