

5G/4G/3G/2G MiMo Desk Mount Antenna

DMM-7-38 Range



Desk Mount Antenna

- Supports MiMo & diversity across 2G/3G/4G/5G
- Two omni-directional ultra wideband elements
- Fold out feet for desk mounting
- Optional suction mount

The DMM antenna provides an innovative and future proof solution for 2G / 3G / 4G and 3.5GHz 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 the networks of today and tomorrow.

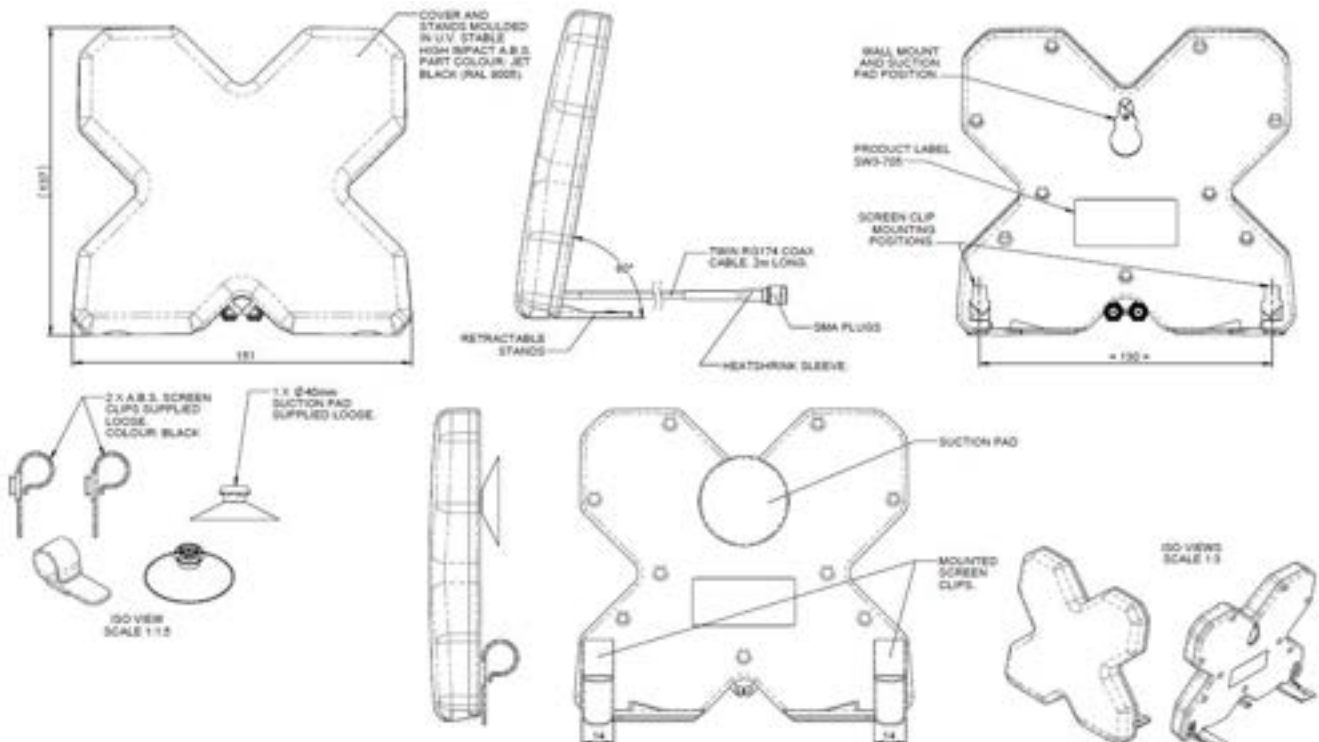
The DMM is highly portable and features desk mount feet which fold out for use, and flat for transport. A handy suction window mount enables users to optimise their signal in multiple locations, with instant installation and easy removal.

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

The DMM 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

DMM-7-38 Range Shown



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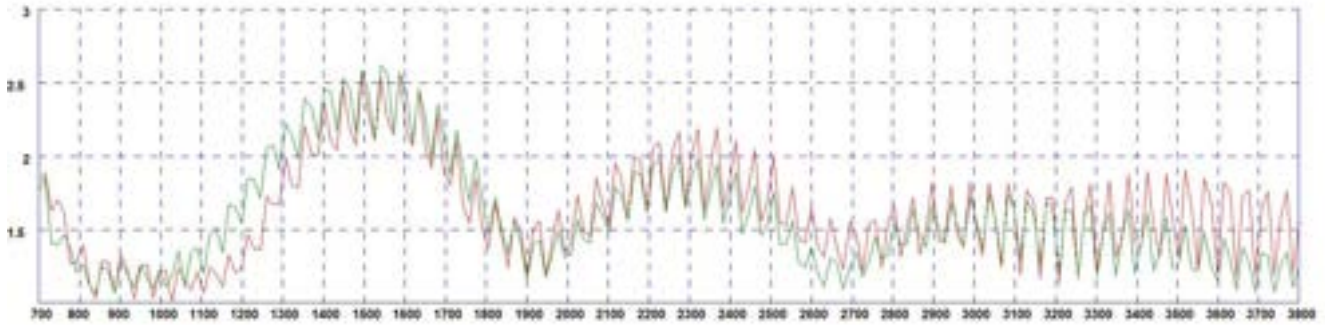
Product Data

Part No.	DMM-7-38-2SP	DMM-7-38-2RPSP	DMM-7-38-2TS9
Electrical Data			
Frequency Range (MHz)	Antenna 1 Antenna 2	698-960 / 1710-3800 698-960 / 1710-3800	
Operational Bands		2G / 3G / 4G / 5G	
Radiation Pattern		Omni-directional	
Typical VSWR		< 2.5:1	
Peak Gain - excluding cable loss (all bands)	698-960MHz 1710-2170MHz 2.2-3.8GHz	2.5dBi 5dBi 4dBi	
Efficiency - excluding cable loss (all bands)	698-960MHz 1710-2170MHz 2.2-3.8GHz	> 60% > 80% > 50%	
Correlation Co-efficient (all bands)		< 0.1	
Element Isolation		> 18dB	
Max Input Power (W)		20 Watts	
Impedance		50Ω	
Mechanical Data			
Dimensions (mm)	Height Width	137 (5.4") 151 (5.94")	
Operating Temp (°C)		-40° / +80°C (-40° / 180°F)	
Material		U.V. Stabilised ABS	
Colour		RAL9005 (Jet Black)	
Weight		250g	
Mounting Data			
Fixing		Desk mount / screen clip window mount	
Cable Data			
Type		2 x RG174	
Diameter (mm)		2.8 (0.1")	
Length (m)		2 (6.5')	
Termination	2 x SMA (m)	2x Rev Pol SMA Plugs	2 x TS9 (m)

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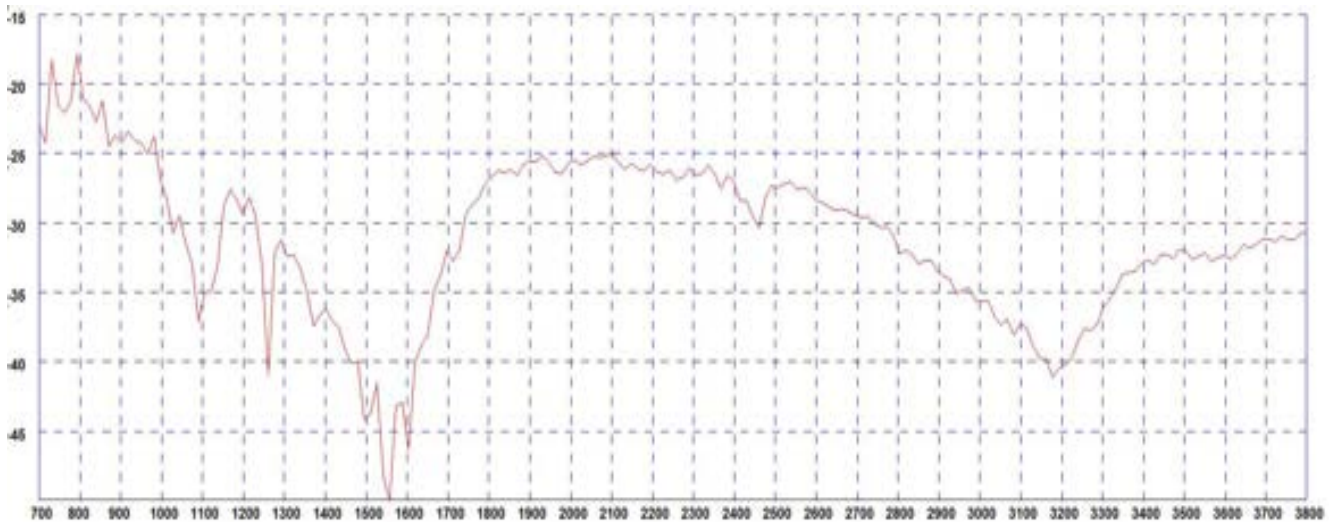
Electrical Data

Typical VSWR Elements 1&2*



*VSWR measured in free space with 2m (6') of RG174 Cable

Typical Isolation Elements 1&2*



*Isolation measured in free space with 2m (6') of RG174 Cable