

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

DMM-7-38 Range



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.

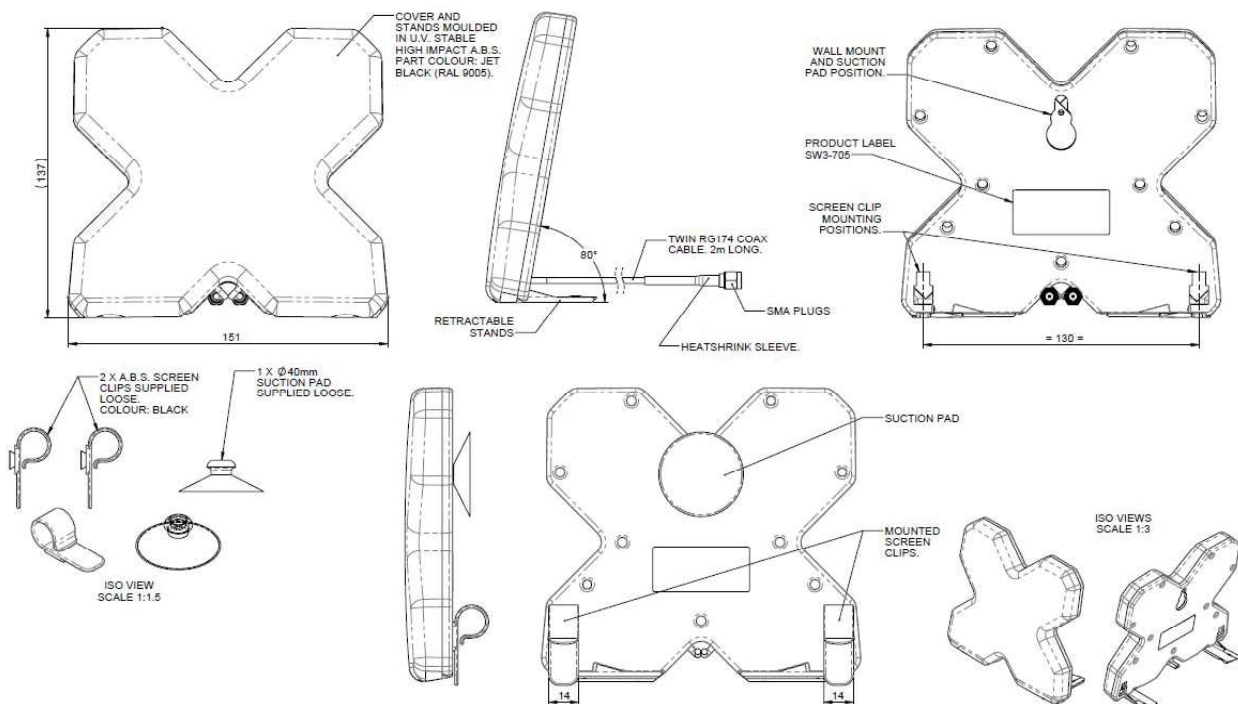
The product is supplied with up to 2 metres (6') of cable and a variety of connectors are available.

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-7-38-2SP shown



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Product Data

Part No.		DMM-7-38-2SP	DMM-7-38-2RPSP	DMM-7-38-2TS9	DMM-7-38-2CRC9
Electrical Data					
Frequency Range (MHz)	Antenna 1	698-960 / 1710-3800			
	Antenna 2	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	2.5dBi			
	1710-2170MHz	5dBi			
	2.2-3.8GHz	4dBi			
Efficiency - excluding cable loss (all bands)	698-960MHz	> 60%			
	1710-2170MHz	> 80%			
	2.2-3.8GHz	> 50%			
Correlation Co-efficient (all bands)	< 0.1				
Element Isolation	> 18dB				
Max Input Power (W)	20 Watts				
Impedance	50Ω				
Mechanical Data					
Dimensions (mm)	Height	137 (5.4")			
	Width	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)	2 x CRC9 (m)	

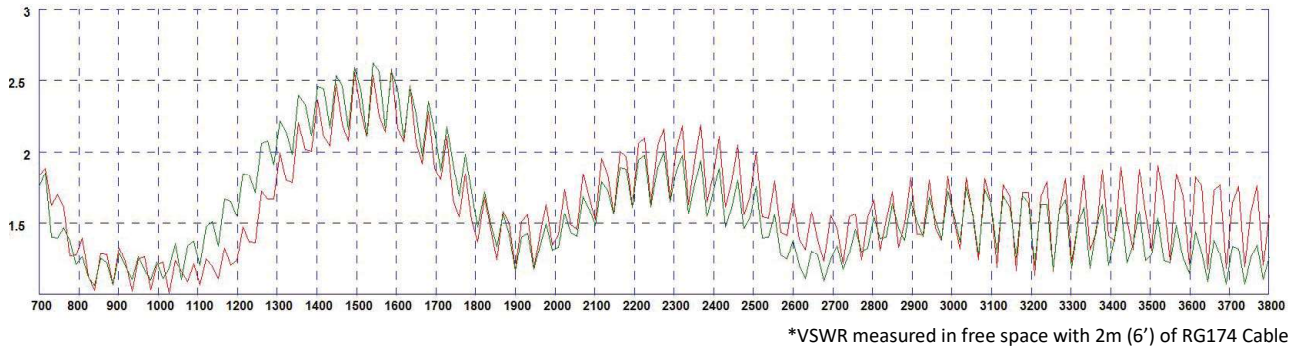
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Electrical Data

Typical VSWR - Elements 1&2



Typical Isolation - Elements 1&2

