

MD9G21

Multiband Magnetic Mount Antenna

16/12/2016 v.2



Magnetic mount gain antenna

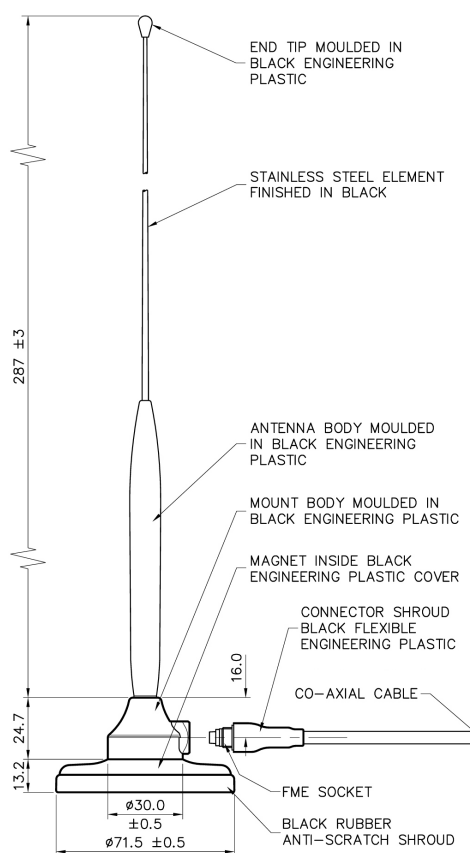
5dBi peak gain

Detachable cable

The MD9G21 is a high gain 8/900MHz whip with 18/19/2100MHz fallback mounted on a robust magnetic base.

An ideal temporary fit high performance antenna solution for improving signal strength and data transfer speeds, the MD base, supports a detachable low loss cable providing flexibility and ease of installation.

Technical Drawing



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Panorama Antennas Ltd
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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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Part No.

MD9G21-3SP

MD9G21-5SP

Electrical Data

Frequency Range (MHz)	800-960 & 1710-2170
Operational Band	AMPS 850, GSM900, GSM1800, PCS1900 & 3G UMTS
Peak Gain: Isotropic	5dBi (800-960MHz) & 2dBi (1710-2170)
Compared to ¼ wave	3dB (800-960MHz) & 0dB (1710-2170)
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	50W

Mechanical Data

Dimensions (mm)	Total Height	325 (18")
	Base Height	38 (1.5")
	Base Diameter	71.5 (2.8")
Operating Temp (°C)	-40° / +80°C (-40°F / +176°F)	
Material	Engineering plastic	
Colour	Black	

Mounting Data

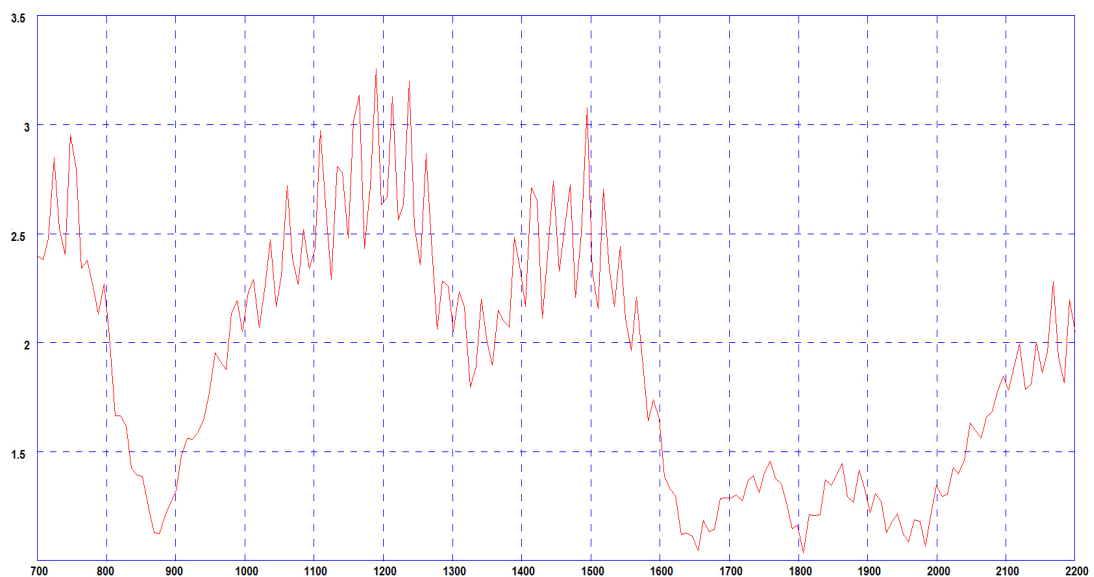
Fixing	Magnetic mount
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Cable Data

Type	CS23	
Diameter (mm)	5 (0.2")	
Length (m)	3 (9ft 10.11")	5 (17ft)
Termination	SMA Plug	

VSWR

Typical VSWR*



* Measured on a 600x600 (2"x2") ground plane with 5m (17ft) CS23 cable.

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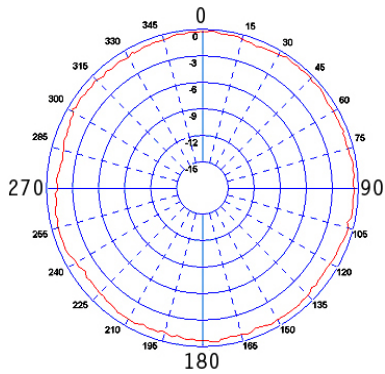
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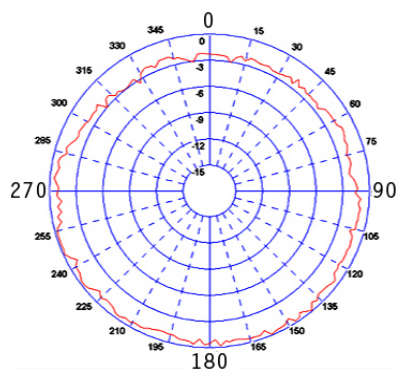
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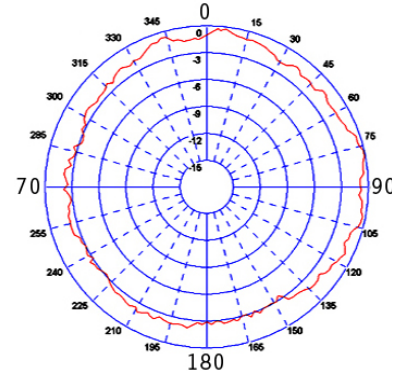
Typical H-Plane
(900MHz)



Typical H-Plane
(1800MHz)



Typical H-Plane
(2000MHz)



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