

AS-9G-21

Multiband Gain Whip

16/12/2016 v.2

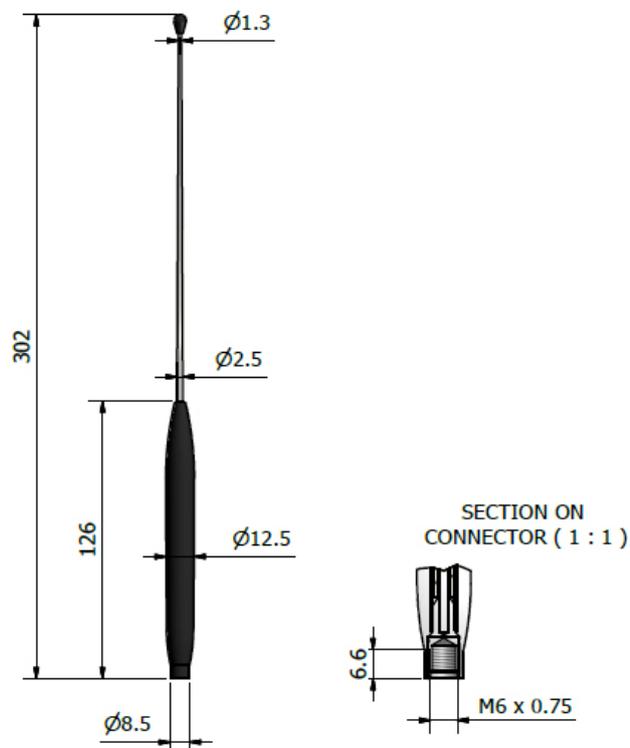


Tapered whip
Wideband performance
High Gain

The AS-9G-21 is a high gain whip with 5dBi gain at 8/900MHz plus fallback performance of 2dBi at 18/19/2100MHz.

The whip is compatible with a variety of magnetic, panel mount and GPS combination bases.

Technical Drawing



PANORAMA ANTENNAS

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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.

AS-9G-21

Electrical Data

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

Mechanical Data

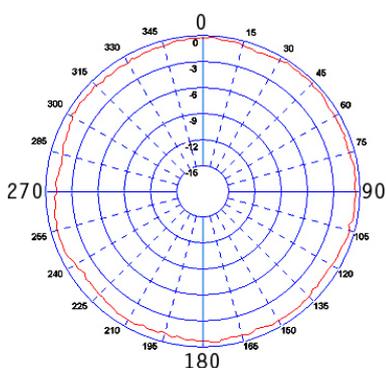
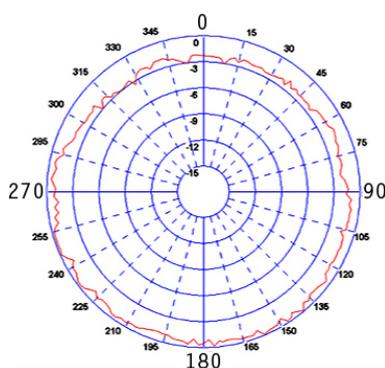
Dimensions (mm)	Whip Length	302 (12")
	Base Height	126 (5")
	Base Diameter	12.5 (0.5")
Operating Temp (°C)	-40° / +80°C (-40°F / 176°F)	
Material	Stainless Steel & Polyamide	
Colour	Black	

Typical VSWR cellular / LTE element 1*

VSWR



* Measured on a 3 x 3 ft (1m x 1m) ground plane with 5m(17') of CS23 cable

Typical H-Plane
(900MHz)Typical H-Plane
(1800MHz)Typical H-Plane
(900MHz)