

2G/3G/4G/5G Bracket Mount Antenna

WB 16

LTE/GPRS/UMTS-Antenne 2/4dBi 700-3800MHz 5 m SMA (m)

Frequenzen: 698-960MHz, 1710-2700MHz

Gewinn: @698-960MHz 2dBi

@1710-3800MHz 5dBi

Polarisation: Vertikal

Strahlungsmuster: Omni-Direktional

Widerstand: 50 OHM

max. Eingangsleistung: 60W

Maße: Höhe 164mm/ Breite 48mm

Material: ABS Kunststoff

Farbe: Schwarz

Befestigung: Wandmontage/ Mastmontage/ Tischmontage

Kabeltyp: SR1-029-B

Kabellänge 5 m

Stecker: SMA Stecker (m)



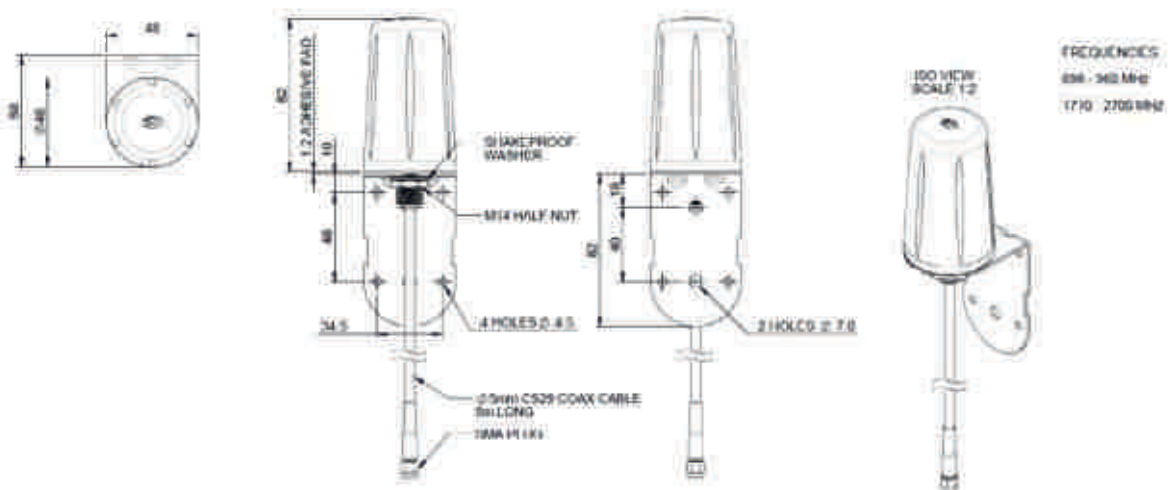
- Cost effective 5G/4G/3G/2G omni-directional antenna
- Wall or Mast Mounting
- Simple installation

The WB 16 antenna is a cost effective omni-directional broad band antenna for 5G/4G/3G/2G devices and is suitable for external or internal installation.

The design of the mounting bracket enables simple wall mounting using the supplied screws and wall plugs or mast mounting using a pipe clip or cable ties (not supplied).

The omni-directional radiation pattern allows easy placement of the antenna in an elevated position.

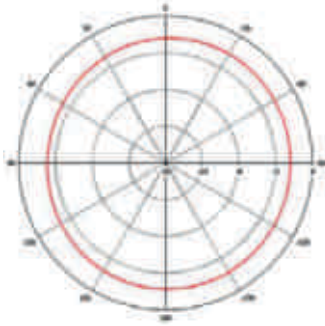
This antenna is an ideal solution for use in industrial and domestic environments with cellular modems/routers and Machine to Machine (M2M) wireless connectivity applications.



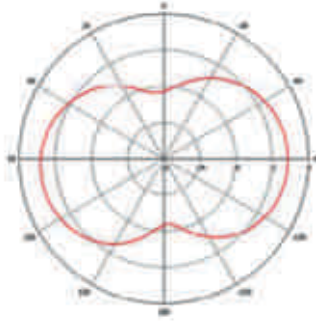
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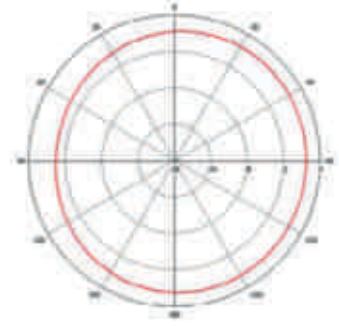
H Plane Plot (700 MHz)



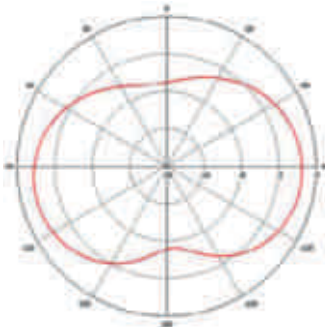
E Plane Plot (700MHz)



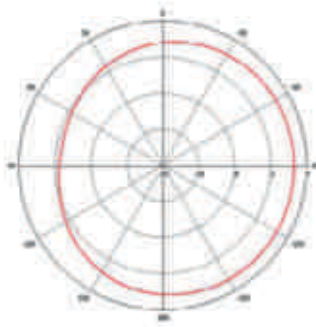
H Plane Plot (800MHz)



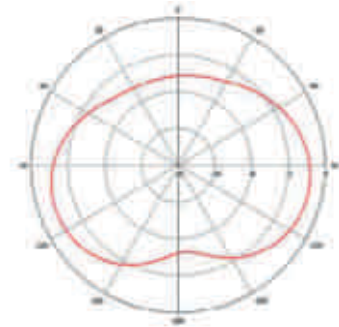
E Plane Plot (800MHz)



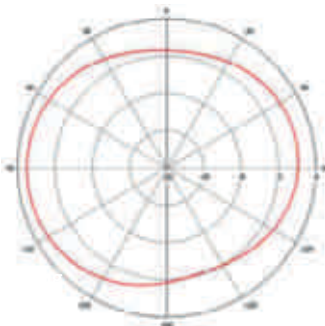
H Plane Plot (900MHz)



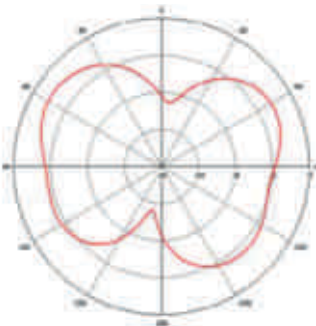
E Plane Plot (900MHz)



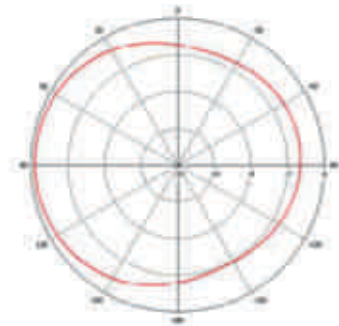
H Plane Plot (1800 MHz)



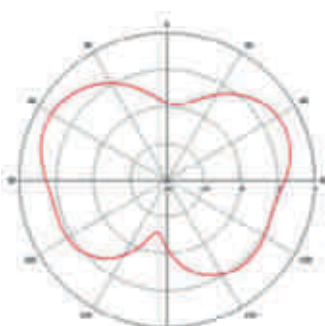
E Plane Plot (1800MHz)



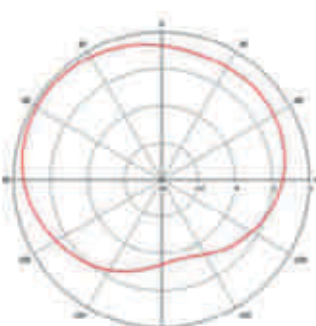
H Plane Plot (2100MHz)



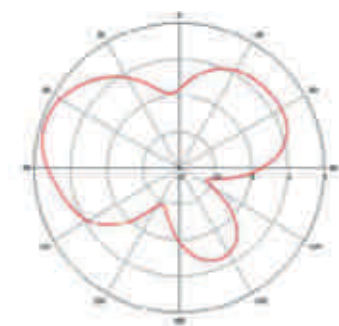
E Plane Plot (2100 MHz)



H Plane Plot (2600MHz)



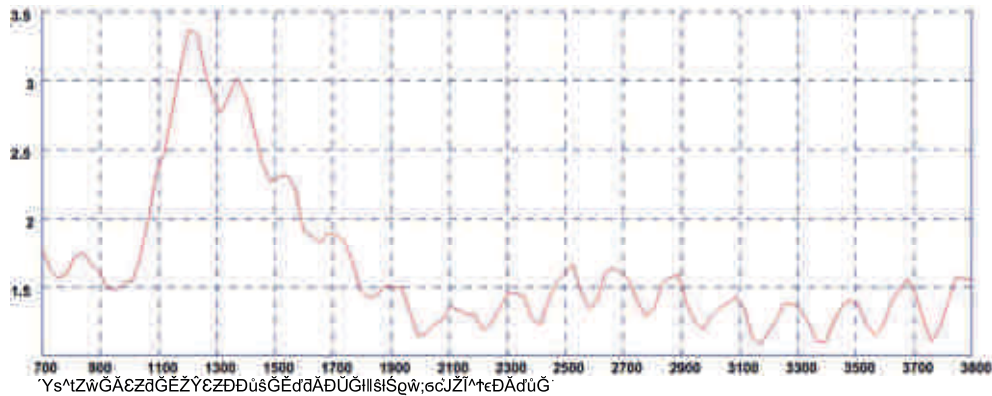
E Plane Plot (2600MHz)



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Typical VSWR (WB 16)



WB 16

Frequency Range (MHz)	698-960, 1710-3800	
Operational Band	LTE 700 , AMPS / GSM850, GSM900, GSM1800, PCS1900, 3G UMTS, 2.4GHz WIFI, 2.6GHz LTE	
VSWR	< 2.5:1	
Peak Gain:	698-960MHz	2dBi
Isotropic	1710-3800 MHz	5dBi
Radiated Efficiency*	> 70%	
Pattern	Omni-directional	
Polarisation	Vertical	
Impedance	50Ω	
Max Input Power (W)	60	
Dimensions	Height Mounted	164 (6.46")
(mm)	Diameter	48 (1.89")
Operating Temp (°C)	-40°/+80°C (-40°/176°F)	
Material	ABS., Aluminium and Galvanised Steel	
Colour	Black & Natural	
Fixing	Wall mount or Mast mount	
Mounting	Height	82 (3.2")
Bracket (mm)	Recommended Screw Fixings	4 (0.16")
Type	CS29	
Diameter (mm)	5 (1.9")	
Length (m)	5 (16'4")	0.5 (19.6")
Termination	SMA Plug	SMA Plug

*Excluding cable loss

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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