

B4BE-7-27 Bracket Mount Antenna

B4BE-7-27

Produit disponible auprès de :



B4BE-7-27



- Cost Effective 2G/3G/4G and 3.8GHz 5G coverage
- Wall or mast mounted

The B4BE antenna is a cost effective omni-directional broad band antenna for 4G/3G/2G and 3.8GHz 5G devices and is suitable for external or internal installation.

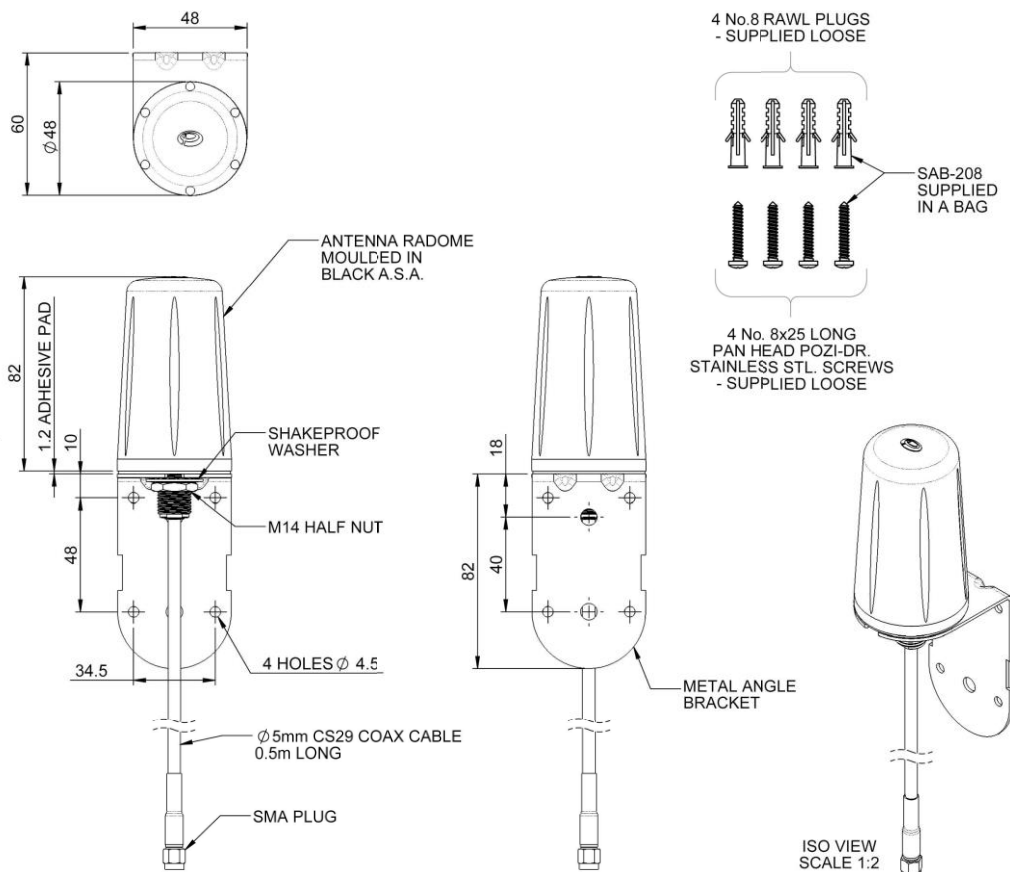
The design of the mounting bracket enables simple wall mounting using the supplied screws and wall plugs or mast mounting using a pipe clip or cable ties (not supplied).

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.

Technical Drawing

B4BE-7-27-05SP Shown

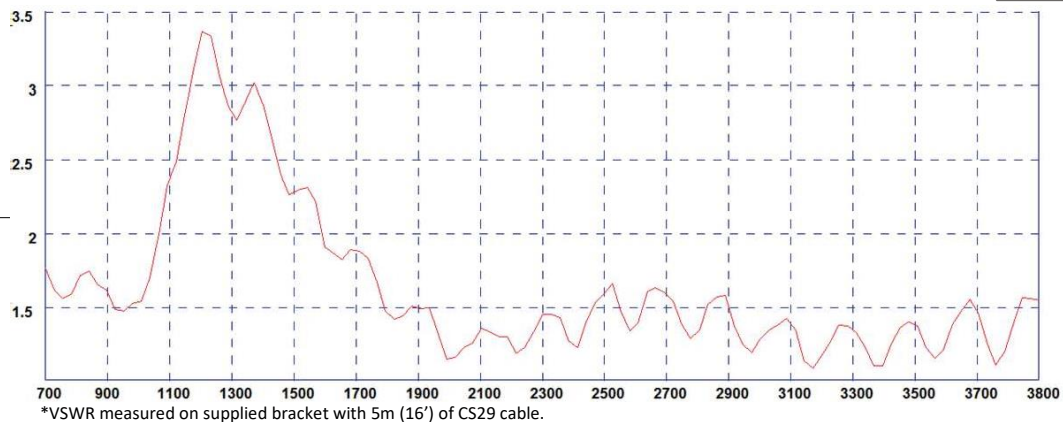


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Typical VSWR

Product Data



Part No.		B4BE-7-27-05SP	B4BE-7-27-5SP
Electrical Data			
Frequency Range (MHz)		698-960 / 1710-3800	
Operational Band		700/800/900/1800/1900/2100/2400/2600/3600	
Peak Realised	698-960MHz	2dBi	
Gain: Isotropic*	1710-3800 MHz	5dBi	
VSWR		<2.5:1	
Polarisation		Vertical	
Pattern		Omni-directional	
Impedance		50Ω	
Max Input Power (W)		30	
Mechanical Data			
Dimensions	Height mounted	164 (6.46")	
(mm)	Diameter	48(1.89")	
Operating Temp (°C)		-40° / +85°C (-40° / 185°F)	
Material		ASA, aluminium, zinc plated steel	
Colour		Black & natural (white version available p/n B4BEW)	
Ingress Protection		IP66	
Mounting Data			
Fixing		Wall or mast mount	
Mounting Scew Diameter (mm)		4 (0.16")	
Weight (g)		188	372
Cable Data			
Type		CS29 (double shielded RG58)	
Diameter (mm)		5(0.19")	
Length (m)		0.5 (1.5')	5(17')
Termination		SMA plug	SMA plug

* Peak gain simulated in CST microwave studio on a ground plane excluding cable loss

Produit disponible auprès de :



B4BE-7-27 Panel Mount Antenna

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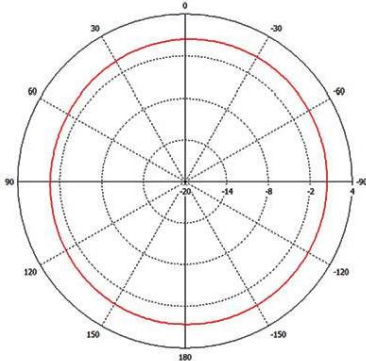
Produit disponible auprès de :



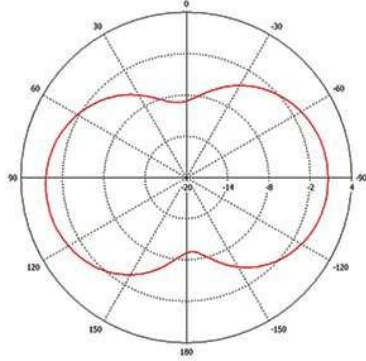
Electrical Data

All measurements taken on a 400 x 400mm groundplane with 0.5m of cable

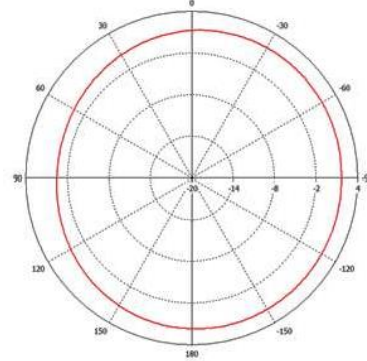
H Plane Plot (700 MHz)



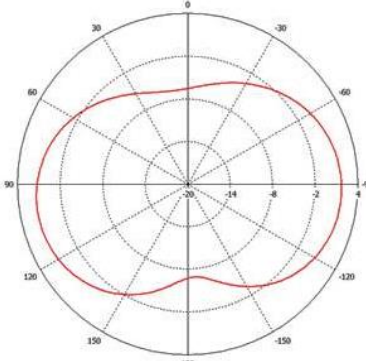
E Plane Plot (700MHz)



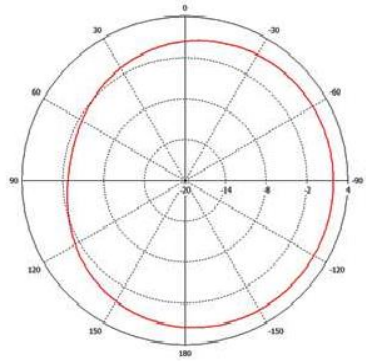
H Plane Plot (800MHz)



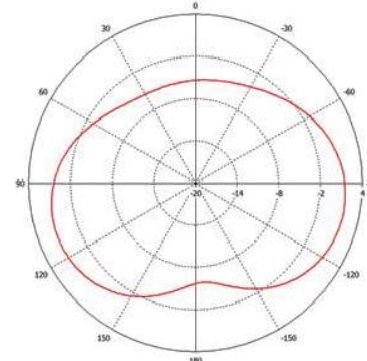
E Plane Plot (800MHz)



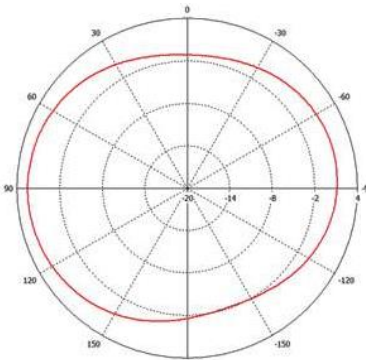
H Plane Plot (900MHz)



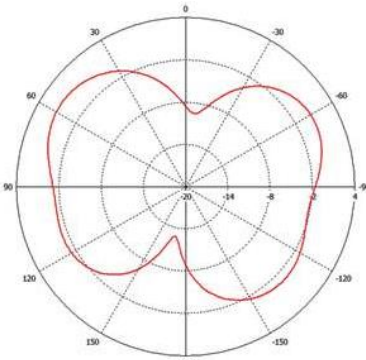
E Plane Plot (900MHz)



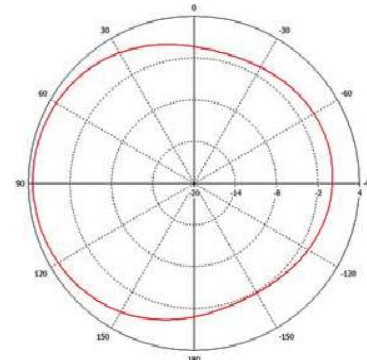
H Plane Plot (1800 MHz)



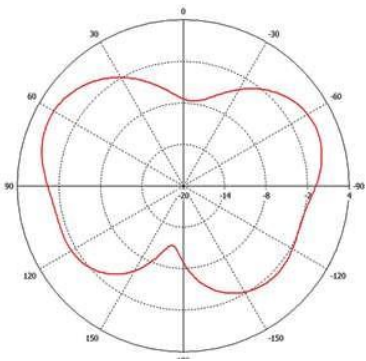
E Plane Plot (1800MHz)



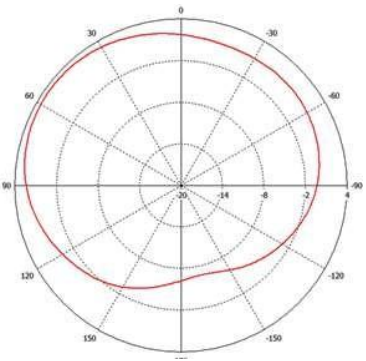
H Plane Plot (2100MHz)



E Plane Plot (2100 MHz)



H Plane Plot (2600MHz)



E Plane Plot (2600MHz)

