



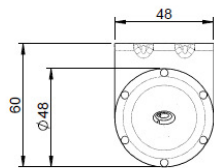
- Cost effective 2G/3G/4G signal booster
- Easy installation
- Wall mount or mast mount

The B4BE range has been designed to provide cost effective coverage booster antennas for 2G/3G/4G devices. The antennas are designed for wall or mast mounting and are weather proof allowing the device to reap the benefits of an antenna mounted in an elevated or external location where the signal is strongest.

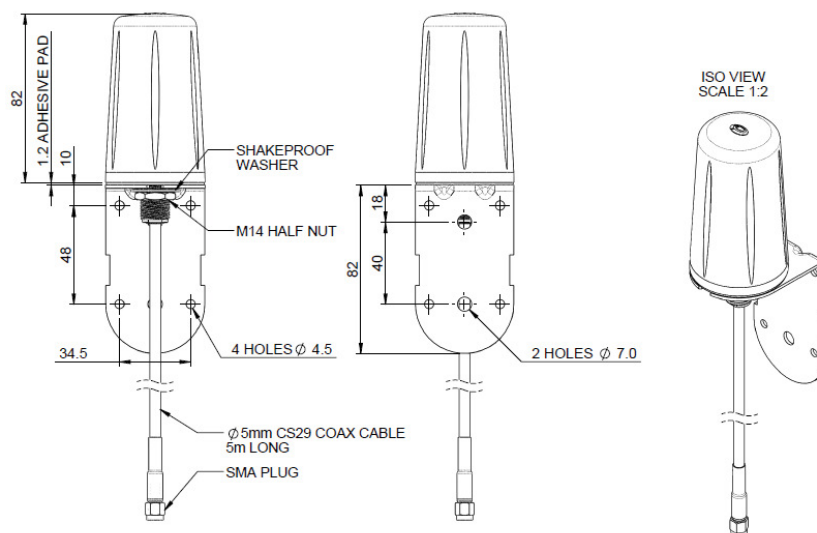
The omni-directional radiation pattern allows the antenna to be quickly installed while the global Cellular / GSM / LTE coverage provided by the antenna allows it to be utilised for 2G / 3G and 4G applications the world over.

These antennas provide an ideal solution for modem devices whether for domestic or business wireless data or for machine to machine applications and connected devices.

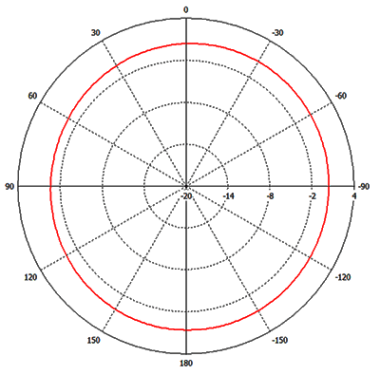
### Technical Drawing



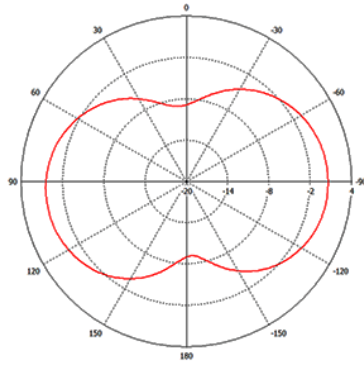
FREQUENCIES.  
698 - 960 MHz  
1710 - 2700 MHz



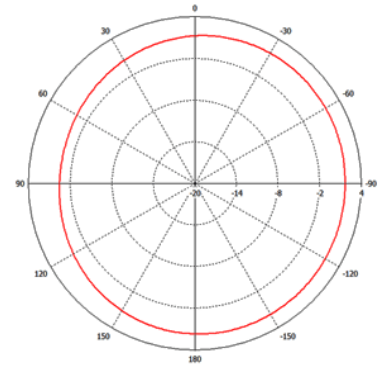
H Plane Plot (700 MHz)



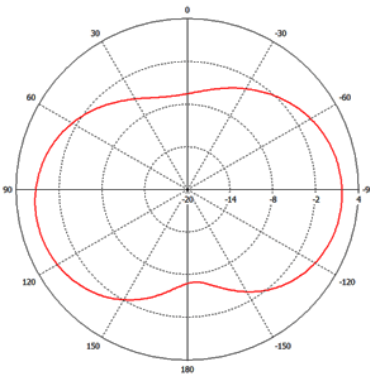
E Plane Plot (700MHz)



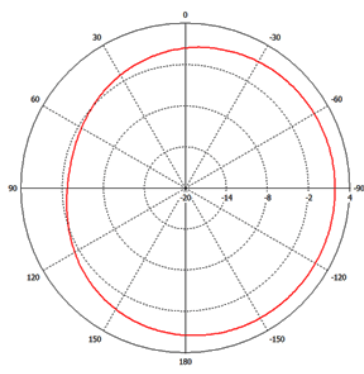
H Plane Plot (800MHz)



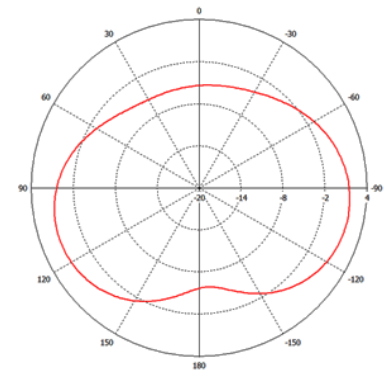
E Plane Plot (800MHz)



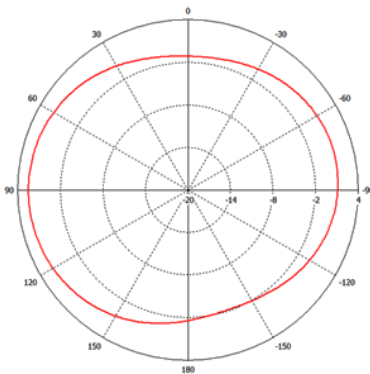
H Plane Plot (900MHz)



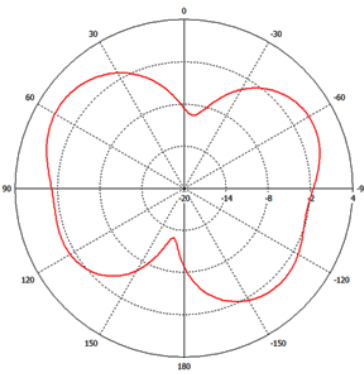
E Plane Plot (900MHz)



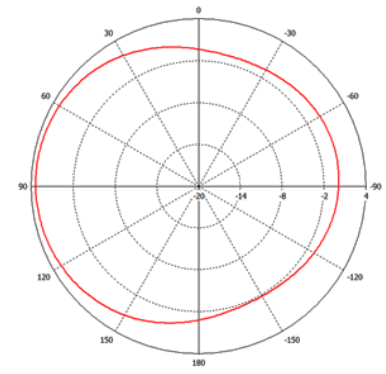
H Plane Plot (1800 MHz)



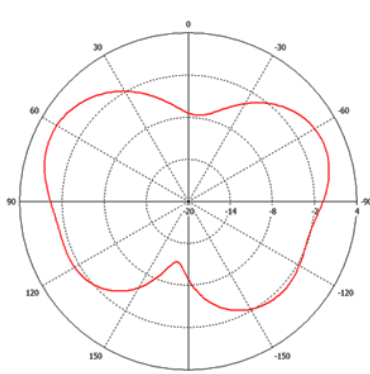
E Plane Plot (1800MHz)



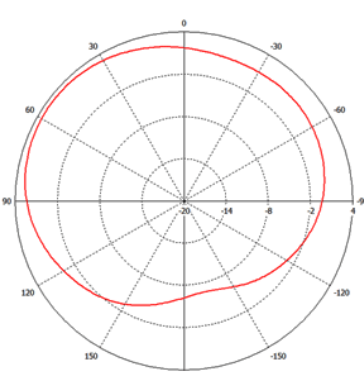
H Plane Plot (2100MHz)



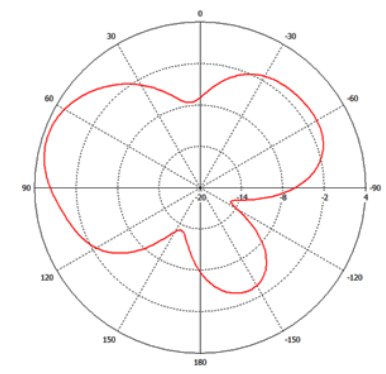
E Plane Plot (2100 MHz)



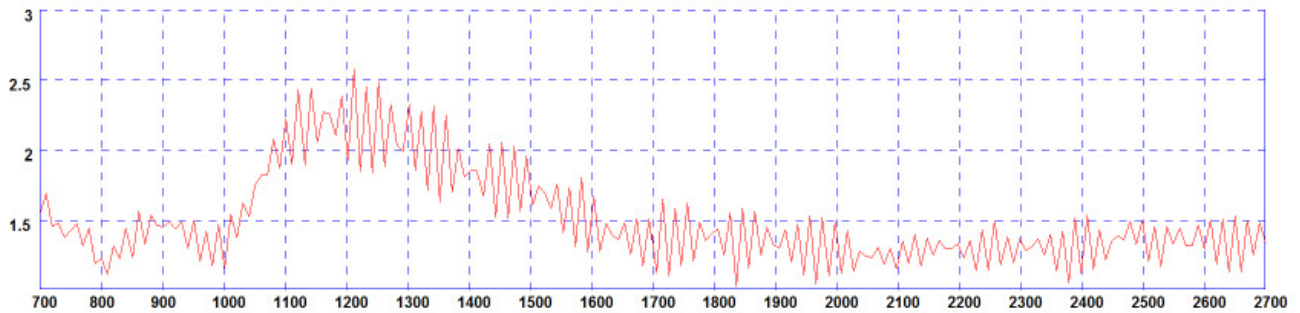
H Plane Plot (2600MHz)



E Plane Plot (2600MHz)



### Typical VSWR (B4BE-7-27-5SP)



\*Measured with 5m of CS29 cable

Part No.		B4BE-7-27-5SP	B4BE-7-27-05SP
<b>Electrical Data</b>			
Frequency Range (MHz)	698-960, 1710-2700		
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	1710-2700MHz	4dBi	
Radiated Efficiency*	> 70%		
Pattern	Omni-directional		
Polarisation	Vertical		
Impedance	50Ω		
Max Input Power (W)	50		
<b>Mechanical Data</b>			
Dimensions	Height Mounted	164 ( 6.46" )	
(mm)	Diameter	48 (1.89" )	
Operating Temp (°C)	-40° / +80°C ( -40° / 176°F )		
Material	A.B.S., Aluminium and Galvanised Steel		
Colour	Black & Natural		
<b>Mounting Data</b>			
Fixing	Wall mount or Mast mount		
Mounting	Height	82( 3.2" )	
Bracket (mm)	Recommended Screw Fixings	4 ( 0.16" )	
<b>Cable Data</b>			
Type	CS29		
Diameter (mm)	5 ( 1.9" )		
Length (m)	5 ( 16'4" )	0.5 (19.6")	

\*Excluding cable loss

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