

# Product Data Sheet

Multiband Bracket Mount Antenna

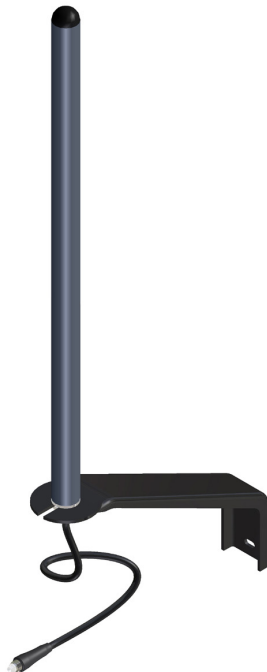


C/Note	Doc Issue	Date	Approval
01019	3	31/7/15	J.J.

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# B6B-3G

## Mobile Broadband Antennas



### Bracket Mount Antenna

- Improves Range
- Cost Effective Solution
- Easy Installation

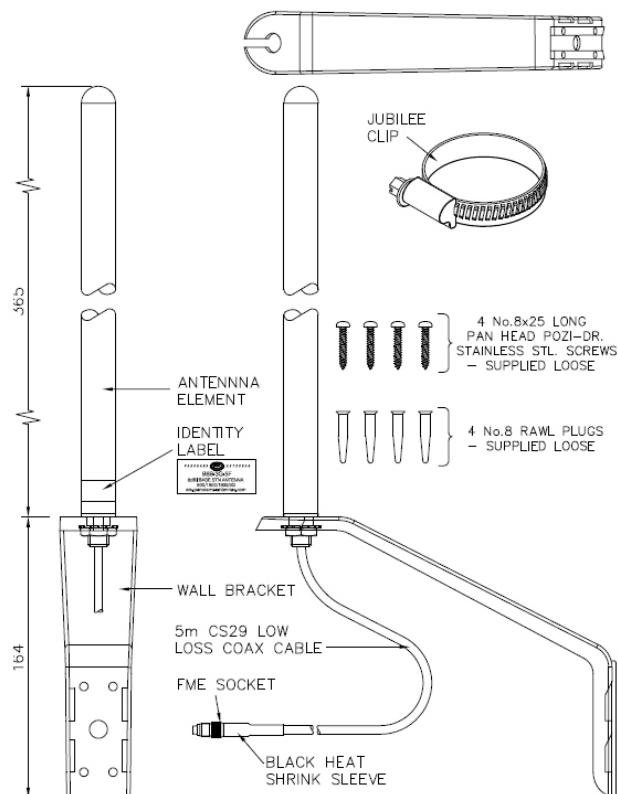
The B6B range is designed for fixed site installation to boost the signal from mobile broadband devices or modems. Optimised for 2100MHz 3G networks the antenna features 4-6dBi peak gain across the 1800 / 1900 and 2100MHz bands but also offers fallback to 900MHz and 850MHz at 2dBi peak gain.

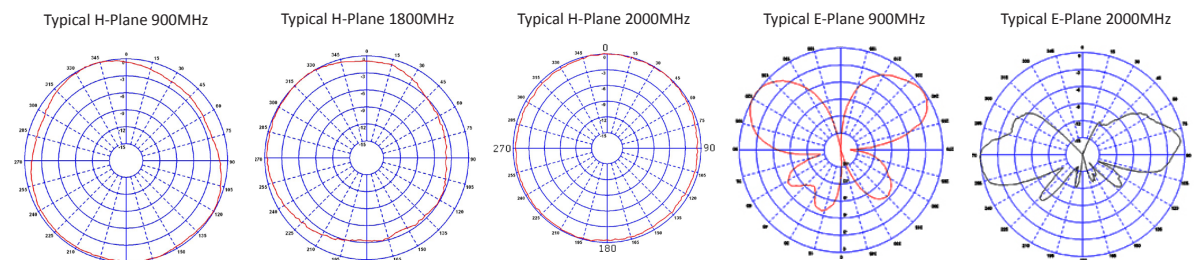
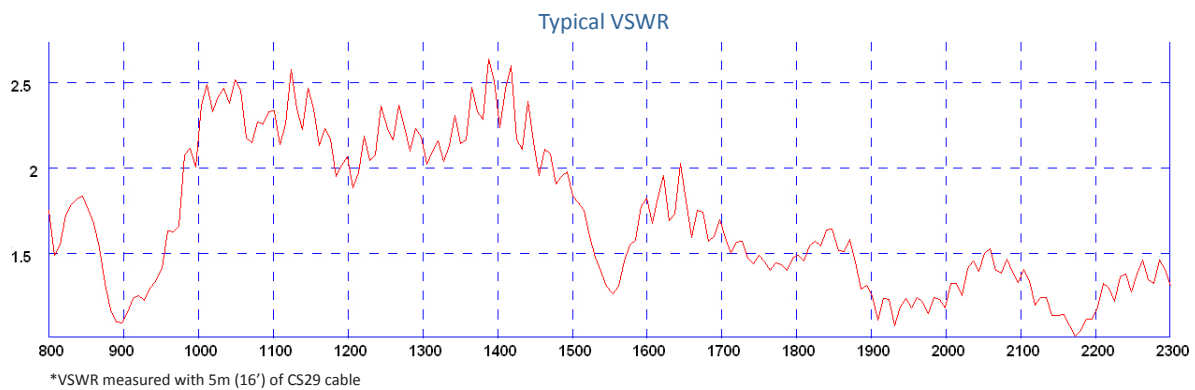
The omni-directional radiation pattern makes them simple to install because no networking software or analysis is required to find the optimum position.

The antenna is supplied with an offset bracket mounting and wall and mast mount hardware for ease of installation.

### Technical Drawing

\*B6B-3G-5F shown





Part No.		
	B6B-3G-5F	
	B6B-3G-5SP	
Electrical Data		
Frequency Range (MHz)	800-960 & 1710-2170	
Pre-Tuned Band	AMPS850, GSM900, GSM1800, PCS1900, AWS & 3G UMTS	
Gain: Isotropic	6dBi (1900-2170), 4dBi (1710-1880) & 2dBi (800-960)	
Compared to ¼ wave	4dB (1900-2170), 2dB (1710-1880) & 0dB (800-960)	
Polarisation	Vertical	
Pattern	Omni Directional	
Impedance	50Ω	
Max Input Power (W)	25	
Mechanical Data		
Dimensions (mm)	Height	365 (14.37")
	Diameter	20 (0.79")
Operating Temp (°C)	-40° / +80°C (-40 / +176°F)	
Material	ABS	
Colour	Grey	
Mounting Data		
Fixing	Plastic Bracket Mount	
Mounting Bracket Dimensions (mm)	Height	164 (6.45")
	Off-Set	180 (7.09")
Cable Data		
Type	CS29 Low Loss Coax	
Diameter (mm)	5 (0.20")	
Length (m)	5 (16')	
Termination	FME Socket	
	SMA plug	

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