

EF-BC3G-26 Range

2G/3G/4G Easy-Fit Antenna

31/03/2016 v3



EF-BC3G-26 Range

7 bands - 700MHz LTE, Quadband cellular, 3G UMTS, AWS, LTE / WIMAX 2.6GHz

Discreet adhesive pad fitment

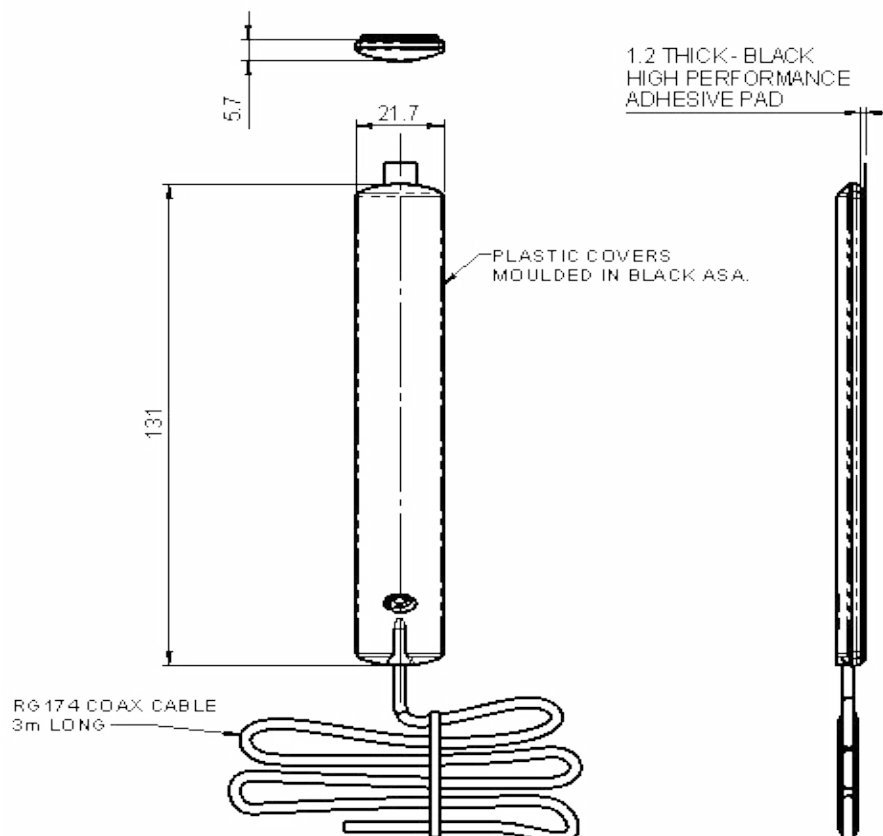
Suitable for mounting to plastic or glass

EF-BC3G-26 is a range of highly efficient and portable antennas for 2G/3G/4G modems and datacards. These paddle style antennas are easily positioned on a device housing or vehicle windscreen using the supplied automotive industry grade adhesive pad.

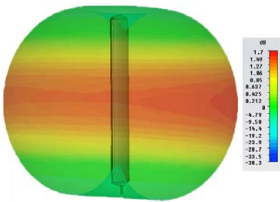
The antenna is ultrawideband and ground plane independent making it ideal for global machine-to-machine and mobile data applications. Covering 698-960 / 1710-2170 / 2396-2700MHz the EF-BC3G-26 is designed to support the full range of 2G/3G and 4G frequencies globally.

The antenna is constructed from weather resistant plastic and is suitable for use in semi-exposed scenarios.

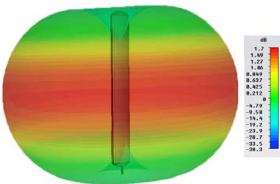
Technical Drawing



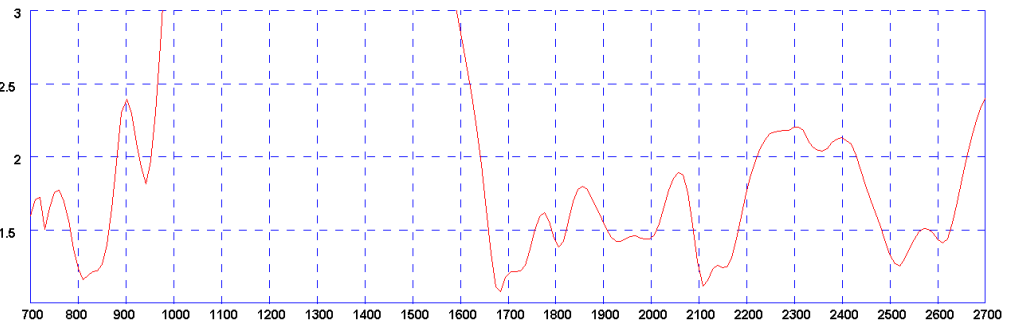
3D Typical Gain Plot (700 MHz)



3D Typical Gain Plot (850MHz)

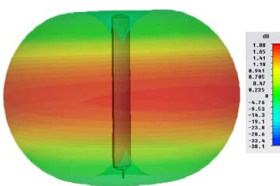


Typical VSWR*

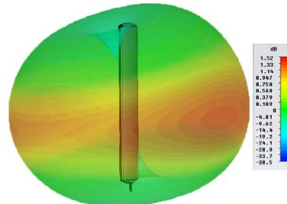


* VSWR measured with 0.5m of RG174 Cable

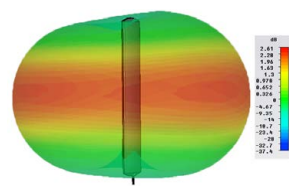
3D Typical Gain Plot (900MHz)



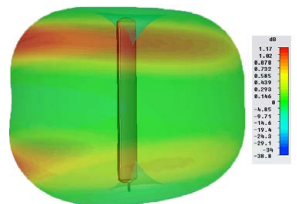
3D Typical Gain Plot (1800MHz)



3D Typical Gain Plot (1900/2100)



3D Typical Gain Plot (2600MHz)



Part No.

EF-BC3G-26-3FAKRAD

EF-BC3G-26-3SP

Electrical Data

Frequency Range (MHz)	698-960, 1710-2170, 2396-2700	698-960, 1710-2170, 2396-2700
Operational Band	LTE 700, GSM850 / CDMA850, GSM900, GSM1800, PCS1900, 3G UMTS, AWS, LTE/WIMAX2600	LTE 700, GSM850 / CDMA850, GSM900, GSM1800, PCS1900, 3G UMTS, AWS, LTE/WIMAX2600
Typical VSWR	<2.5:1	<2.5:1
Peak Gain: Isotropic	2dBi	2dBi
Compared to ¼ wave	0dB	0dB
Polarisation	Vertical	Vertical
Pattern	Omn-directional	Omn-directional
Impedance	50Ω	50Ω
Max Input Power (W)	25	25

Mechanical Data

Dimensions (mm)	Length	131 (5.16")	131 (5.16")
	Width	21.7 (0.85")	21.7 (0.85")
	Thickness	7 (0.27")	7 (0.27")
Material	ASA		ASA
Operating Temp (°C)	-30° / +70°C (-22° / 158°F)		-30° / +70°C (-22° / 158°F)
Colour	Black		Black
Approx. Weight (g)	58		58

Mounting Data

Type	Acrylic adhesive pad	Acrylic adhesive pad
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Cable Data

Type	RG174	RG174
Diameter (mm)	2.6 (0.10")	2.6 (0.10")
Length (m)	3 (10')	3 (10')
Termination	FAKRA D Jack*	SMA Plug*

* Other connectors available

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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