

EF-BC3G-26-3RFAKDJ

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

04/04/2017 v1



EF-BC3G-26-3RFAKDJ

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

Discreet adhesive pad fitment

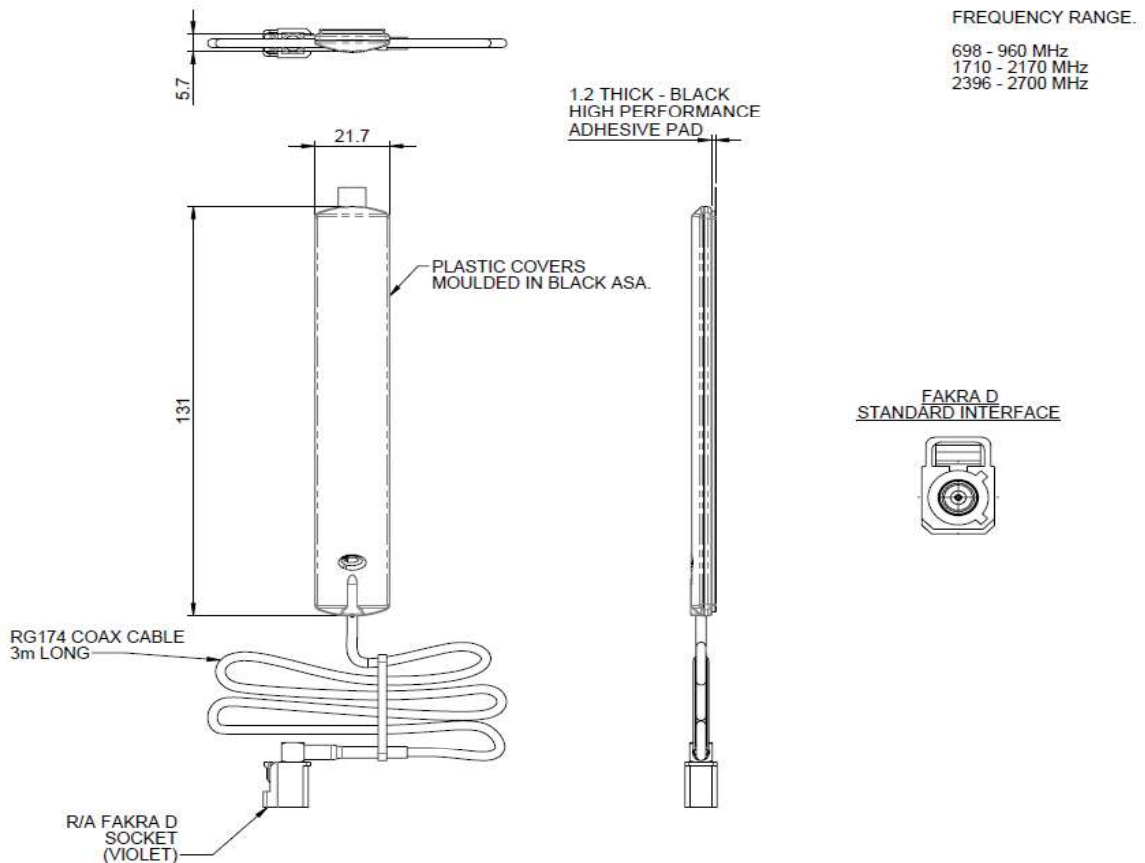
Suitable for mounting to plastic or glass

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.

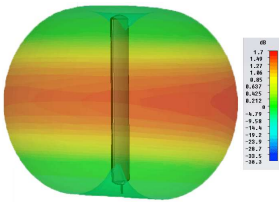
The antenna is constructed from weather resistant plastic and is suitable for use in semi-exposed scenarios.

Technical Drawing

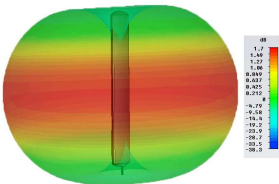


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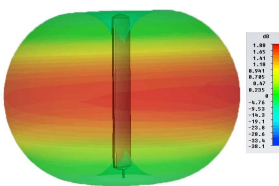
3D Typical Gain Plot (700 MHz)



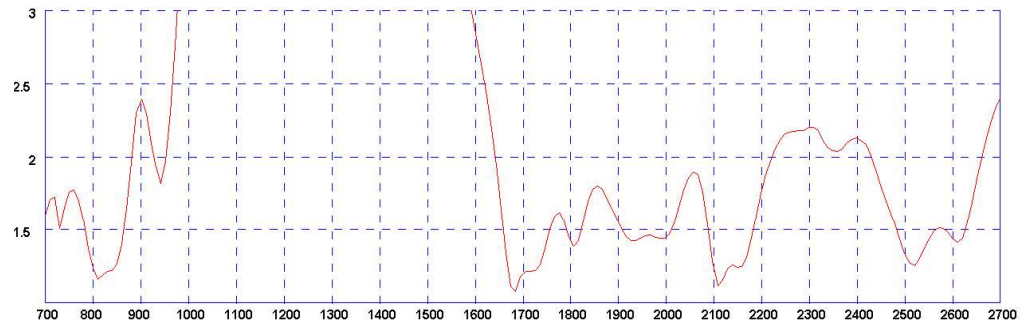
3D Typical Gain Plot (850MHz)



3D Typical Gain Plot (900MHz)

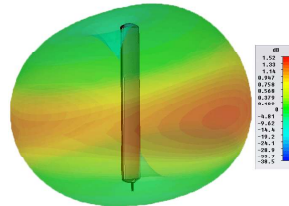


Typical VSWR*

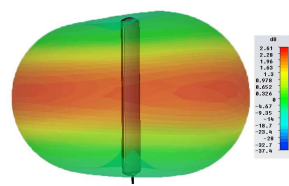


* VSWR measured with 0.5m of RG174 Cable

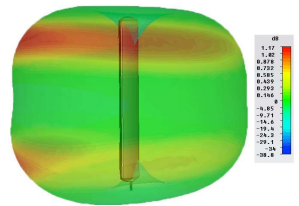
3D Typical Gain Plot (1800MHz)



3D Typical Gain Plot (1900/2100)



3D Typical Gain Plot (2600MHz)



Part No.

EF-BC3G-26-3RFAKDJ

Electrical Data

Frequency Range (MHz)

698-960, 1710-2170, 2396-2700

Operational Band

LTE 700, GSM850 / CDMA850, GSM900, GSM1800, PCS1900, 3G UMTS, AWS, LTE/WIMAX2600

Typical VSWR

<2.5:1

Peak Gain: Isotropic

2dBi

Compared to ¼ wave

0dB

Polarisation

Vertical

Pattern

Omni-directional

Impedance

50Ω

Max Input Power (W)

25

Mechanical Data

Dimensions (mm)

Length 131 (5.16")

Width 21.7 (0.85")

Thickness 7 (0.27")

Material

ASA

Operating Temp (°C)

-30° / +70°C (-22° / 158°F)

Colour

Black

Approx. Weight (g)

58

Mounting Data

Type

Acrylic adhesive pad

Cable Data

Type

RG174

Diameter (mm)

2.6 (0.10")

Length (m)

3 (10')

Termination

R/A FAKRA D Jack*

* 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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