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

EF-BC3G-26 Series

EF-BC3G-26 Range

- Covers 2G/3G/4G Bands
- Easy adhesive pad fitment
- Suitable for mounting to plastic or glass

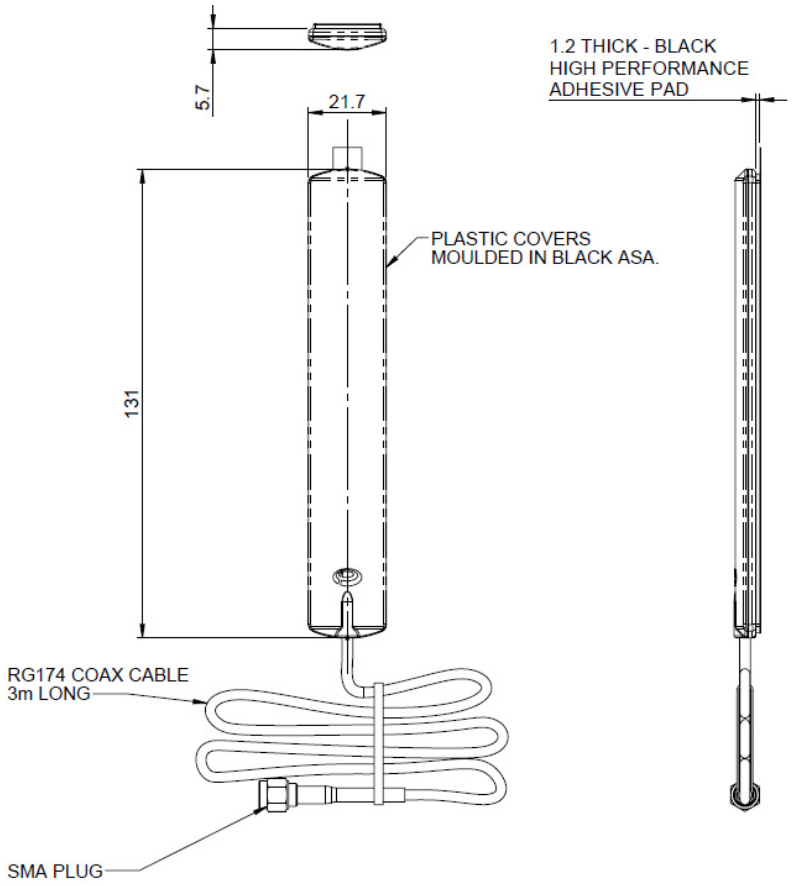
EF-BC3G-26 is a range of highly efficient and portable antennas for 2G/3G/4G modems and datacards. These paddle style antennas are easily positioned on a device housing or vehicle windscreen using the supplied automotive industry grade adhesive pad.

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

EF-BC3G-26-3SP Shown



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

EF-BC3G-26 Series

PANORAMA ANTENNAS

Product Data

Part No.		EF-BC3G-26-3FAKRAD	EF-BC3G-26-3SP	EF-BC3G-26-05SP
Electrical Data				
Frequency Range (MHz)			698-960, 1710-2170, 2396-2700	
Typical VSWR*			<2.5:1	
Peak Gain: Isotropic**	698-960MHz		2dBi	
	1710-2170MHz		3dBi	
	2400-2700MHz		6dBi	
Typical Efficiency***			>60%	
Polarisation			Vertical	
Pattern			Omni-directional	
Impedance			50Ω	
Max Input Power (W)			10	
Mechanical Data				
Dimensions (mm)	Length		131 (5.16")	
	Width		21.7 (0.85")	
	Depth		7 (0.27")	
Material			ASA	
Operating Temp (°C)			-30° / +70°C (-22°/ 158°F)	
Colour			Black	
Mounting Data				
Type			Acrylic adhesive pad	
Cable Data				
Type			RG174	
Diameter (mm)			2.6 (0.10")	
Length (m)		3 (10')	3 (10')	0.5 (1'5")
Termination		FAKRA D Jack	SMA Plug	SMA Plug

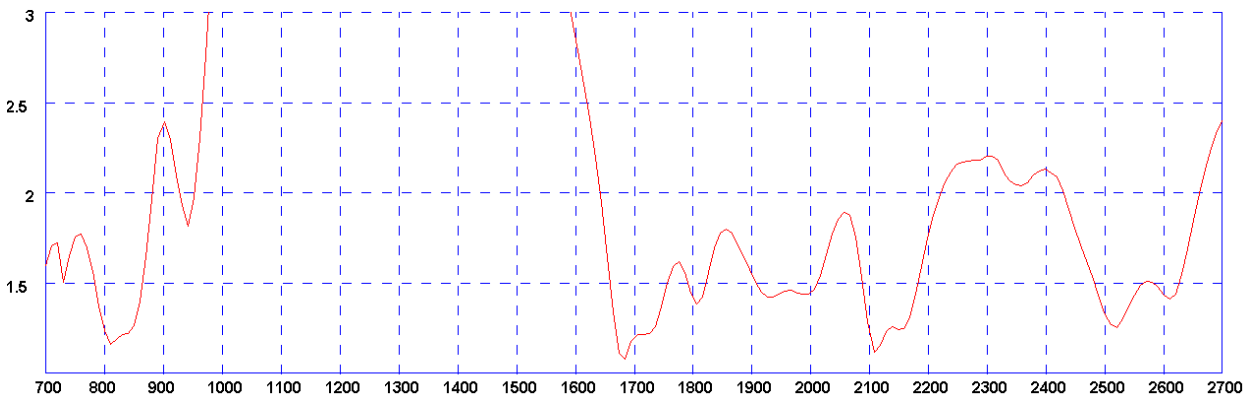
* VSWR measured with 0.5m (1.5') of RG174 cable

** Typical Peak gain simulated in CST Microwave Studio with 175mm (7") cable

***Typical Efficiency simulated in CST Microwave Studio with 175mm (7") cable

Electrical Data

Typical VSWR*



* VSWR measured with 0.5m (1.5') of RG174 cable

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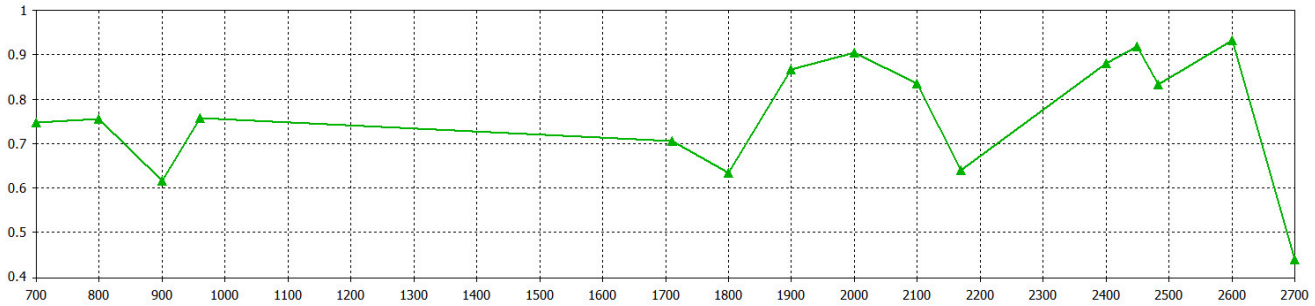
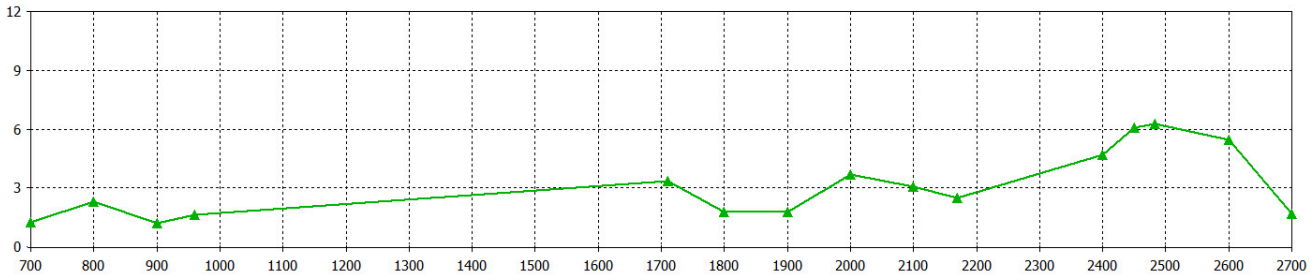
Electrical Data

Typical Efficiency***



* Efficiency simulated in CST Microwave Studio with 175mm (7") cable

Typical Peak Gain**



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