Mobile Broadband 2G/3G/4G Modem Paddle Antenna

TPD-BC3G-26



TPD-BC3G-26 Range

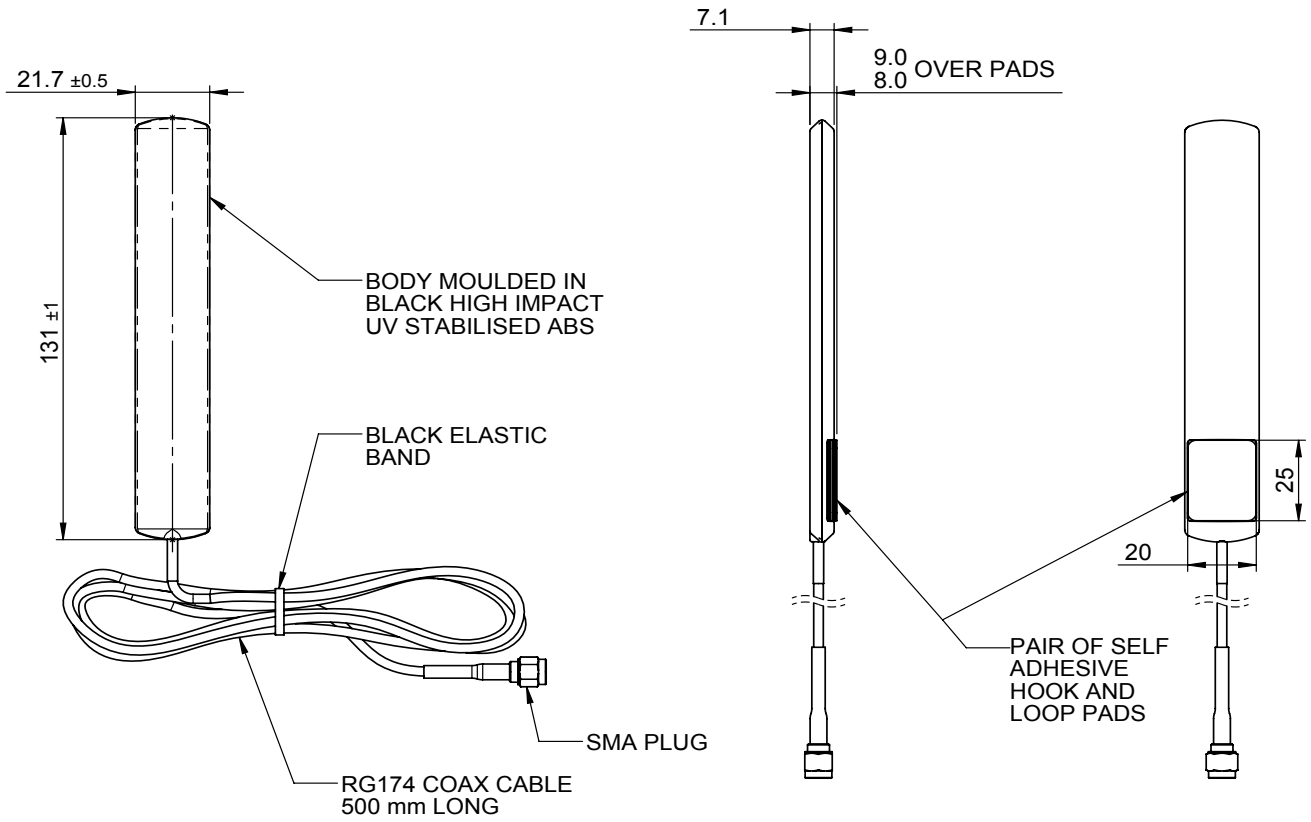
- 8 bands - 700MHz LTE,Quadband cellular, 3G UMTS / AWS,GPS, LTE / WIMAX 2.6GHz
- Suitable for bundling with datacards and USB modems
- CRC9, SMA or TS9 Connector

The TPD-BC3G-26 range antenna is a range of highly efficient and portable data card antenna. These paddle style antennas are easily positioned on a notebook or laptop screen using a hook and loop pad and the connector is plugged directly into the mobile broadband data card, express card or USB modem.

These antennas have been designed to fit in the packaging that the modems are sold in, making them perfect for bundling as an accessory to improve customer data and retention rates.

Technical Drawing

TPD-BADEP3G-26-05SMAP Shown



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TPD-BC3G-26

PANORAMA ANTENNAS

Product Data

Part No.				
		TPD-BC3G-26-05TS9	TPD-BC3G-26-05CRC9	TPD-BC3G-26-05SMAP
Electrical Data				
Frequency Range (MHz)		698-960, 1575, 1710-2170, 2396-2700	698-960, 1575, 1710-2170, 2396-2700	698-960, 1575, 1710-2170, 2396-2700
Operational Band		LTE 700, GSM850 / CDMA850, GSM900, GSM1800, PCS1900, 3G UMTS, AWS, LTE/WIMAX2600 & GPS	LTE 700, GSM850 / CDMA850, GSM900, GSM1800, PCS1900, 3G UMTS, AWS, LTE/WIMAX2600 & GPS	LTE 700, GSM850 / CDMA850, GSM900, GSM1800, PCS1900, 3G UMTS, AWS, LTE/WIMAX2600 & GPS
Typical VSWR		<2.5:1	<2.5:1	<2.5:1
Peak Gain: Isotropic		2dBi	2dBi	2dBi
Compared to ¼ wave		0dB	0dB	0dB
Polarisation		Vertical	Vertical	Vertical
Pattern		Omni-directional	Omni-directional	Omni-directional
Impedance		50Ω	50Ω	50Ω
Max Input Power (W)		10	10	10
Mechanical Data				
Dimensions (mm)	Length	131 (5.16”)	131 (5.16”)	131 (5.16”)
	Width	20 (0.79”)	20 (0.79”)	20 (0.79”)
	Thickness	7(0.27”)	7(0.27”)	7(0.27”)
Material		Black ABS	Black ABS	Black ABS
Operating Temp (°C)		-40°/ 176°F (-40° / +80°C)	-40°/ 176°F (-40° / +80°C)	-40°/ 176°F (-40° / +80°C)
Approx Weight (g)		19	19	19
Mounting Data				
Type		Adhesive hook & loop pad	Adhesive hook and loop pad	Adhesive hook and loop pad
Cable Data				
Type		RG174	RG174	RG174
Diameter (mm)		2.6 (0.10”)	2.6 (0.10”)	2.6 (0.10”)
Length (m)		0.5 (19.7”)	0.5 (19.7”)	0.5 (19.7”)
Termination		TS9 plug	CRC9 Plug	SMA Plug

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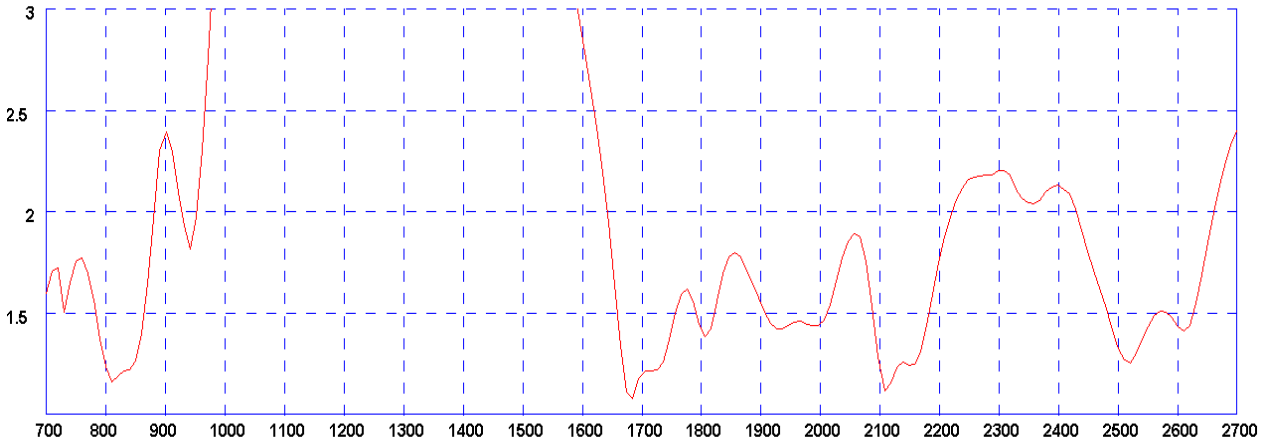
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Electrical Data - Cell

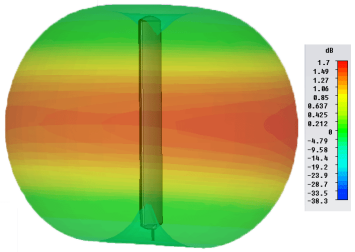
Typical VSWR Elements 1&2*



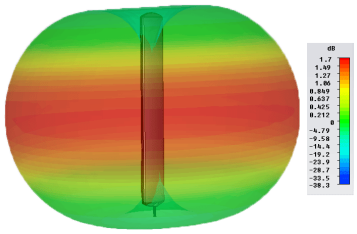
* VSWR measured with 0.5m (1.5') of RG174 Cable

3D Patterns - Cell

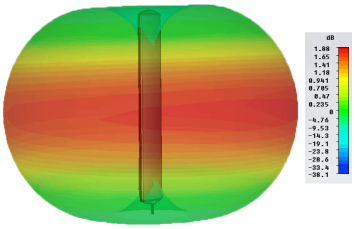
3D Plot (700 MHz)



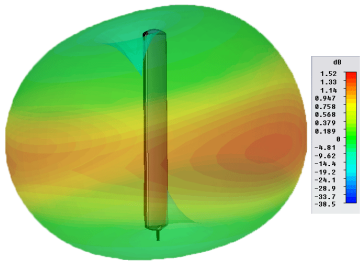
3D Plot (850MHz)



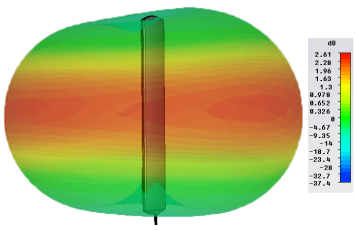
3D Plot (900MHz)



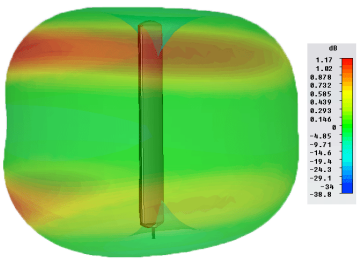
3D Plot (1800MHz)



3D Plot (1900/2100 MHz)



3D Plot (2600MHz)



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