

Mobile Broadband

2G/3G/4G Terminal Antenna



WS-BL727-LTE

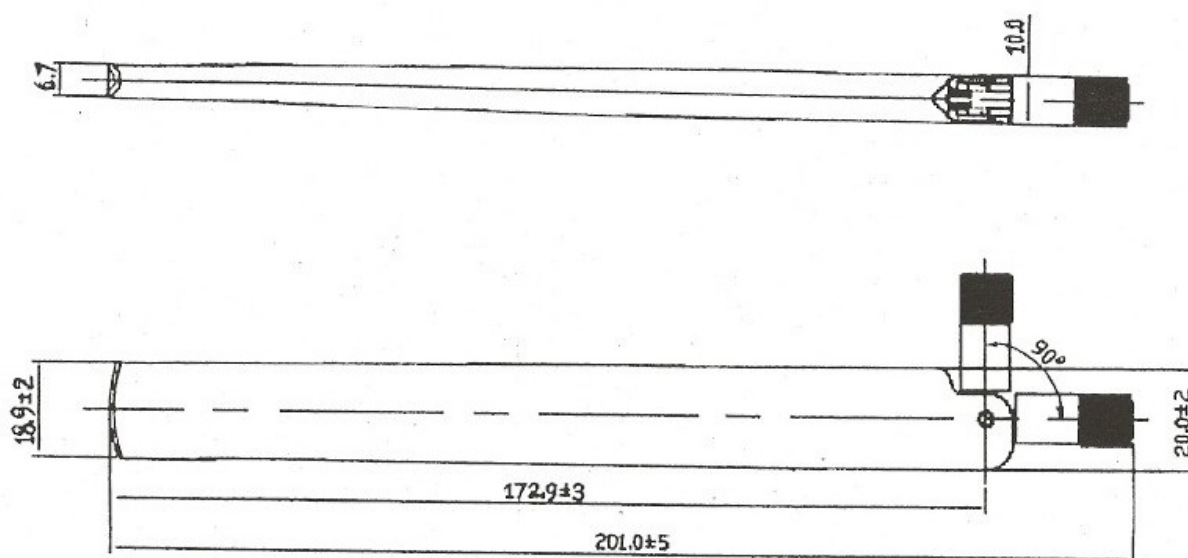
7 bands - 700MHz LTE, Quad-band cellular, 3G UMTS / AWS, LTE / WIMAX 2.6GHz

Suitable for routers and terminals
Articulated SMA male connector

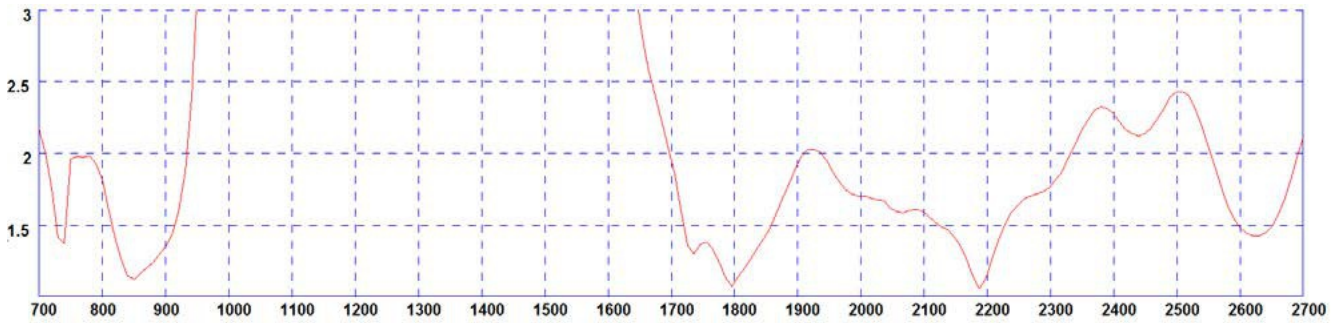
The WS-BL727-LTE antenna is a ground plane independent antenna covering global 2G/3G and 4G frequencies from 698-960/1710-2170 and 2396-2700MHz.

Designed for terminals and routers the WS-BL727-LTE offers an articulated SMA connector for flexible positioning and a sleek profile for low visual impact.

Drawing

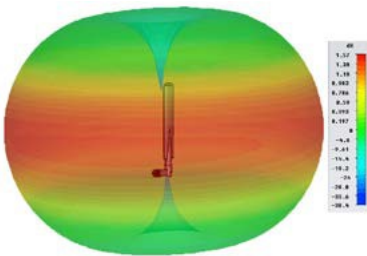


Typical VSWR*

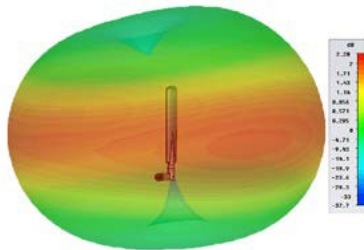


* VSWR measured in free space

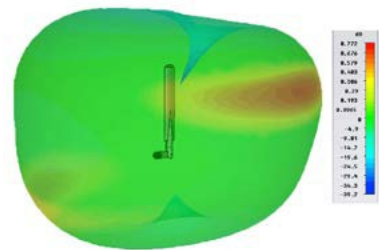
Typical 3D Plot (800MHz)



Typical 3D Plot (1800 MHz)



Typical 3D Plot (2700MHz)



Part No.		WS-BL727-LTE
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	2.5dBi	
Compared to ¼ wave	0dB	
Polarisation	Vertical	
Pattern	Omni-directional	
Impedance	50Ω	
Max Input Power (W)	10	
Mechanical Data		
Dimensions (mm)	Length	173 (to hinge)
	Width	19
	Thickness	7
Material	ABS	
Operating Temp (°C)	-40° / 176°F (-40° / +80°C)	
Colour	Black	
Termination Data		
Type	Articulated SMA (m) connector	