

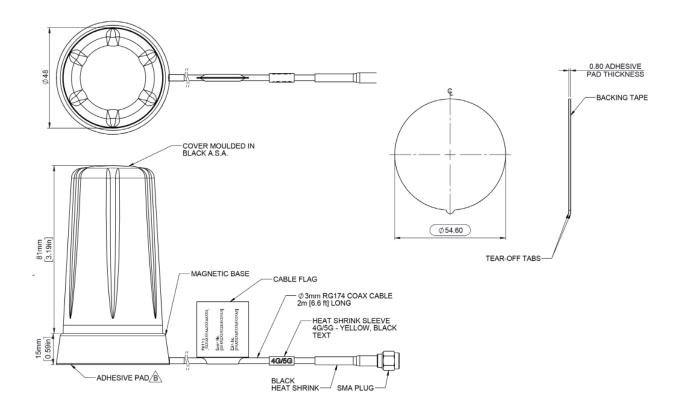
- Rugged low profile design
- Covers global cellular / LTE bands 617-960 / 1710-6000 MHz
- Magnetic mount

The Panorama LPBEM-6-60 is a range of low cost high performance magnetic mount antennas for temporary fit applications. At only 95mm (3.7") high and protected by a robust high impact radome the antenna is almost impervious to daily wear and tear.

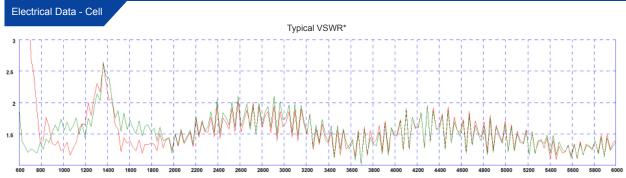
The LPBEM offers excellent performance across a wide bandwidth. The LPBEM covers global cellular and LTE frequencies from 617-960 MHz and 1710-6000 MHz making it an extremely versatile product. Although intended for magnetic mounting on a conductive ground plane the antenna can also be used for desk mounting applications with some impact on performance.

Supplied with a convenient length of flexible RG174 cable and a double sided adhesive pad, the LPBEM is easy to install and compatible with a large range of modems. Multiple units can be deployed suitably separated for MiMo applications.

Technical Drawing LPBEM-6-60-2SP shown



			Product	Data
Part No.				
		LPBEM-6-60-2SP LPBEM-6-60-5SP		
Electrical Data				
Frequency Range (MHZ)		617-960 / 1710-6000 617-960 / 1710-6000		
Peak Gain (excluding cable loss measured on a ground plane)	617-960 MHz	3dBi		
	1710-2170 MHz	4dBi		
	2170-2700 MHz	5dBi		
	3400-3800 MHz	6dBi		
	4000-6000 MHz	8dBi		
Typical VSWR*		<2.5:1		
Polarisation		Vertical		
Pattern		Omni-directional		
Impedance	edance 50Ω			
Max Input Power (W)		25		
Mechanical Data				
Dimensions (mm)	Height	96 (3.7")		
	Diameter	48 (1.89")		
Operating Temp (°C)		-40°/+80°C (-40°/176°F)		
Material		UV stable ASA & Aluminium		
Colour		Black		
Ingress Protection				
Mounting Data				
Fixing			Magnetic mount	
Max Speed (KM/h)			160 (100 Mph)	
Cable Data			D0474	
Cable Type		RG174		
Cable Diameter (mm)		2.8 (0.1") 2 (6'6") 5 (16')		
Cable Length (m) Connector		2 (6'6")	SMA (M)	
Connector			SIVIA (IVI)	



*VSWR mesured on 400x400 ground plane with 2m (6'6") cable.

- Green Line Ground Plane
- Red Line Free Space