

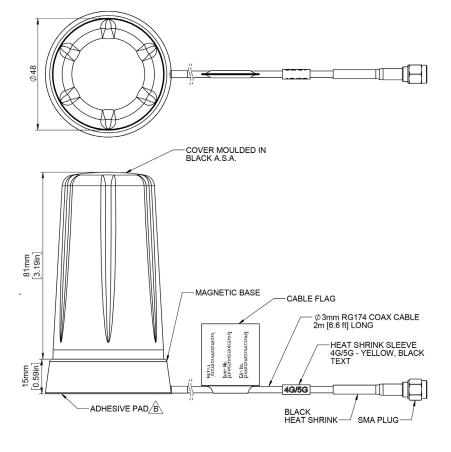
- Rugged low profile design
- Covers global cellular / LTE bands 617-960 / 1710-6000 MHz
- Magnetic mount

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.

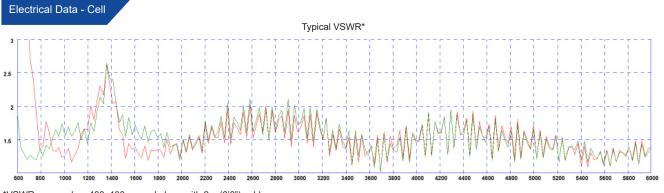
The LPBEM offers excellent performance across a wide bandwidth. The LPBEM covers global cellular and LTE frequencies from 617-960 MHz and 1710-6000 MHz making it an extremely versatile product. Although intended for magnetic mounting on a conductive ground plane the antenna can also be used for desk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

Supplied with a convenient length of flexible RG174 cable 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)	ange (MHZ) 617-960 / 1710-6000 617-960 / 1710-60		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		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	Equivalent to IPX6			
Mounting Data				
Fixing	Magnetic mount			
Max Speed (KM/h)		1	160 (100 Mph)	
Cable Data				
Cable Type				
Cable Diameter (mm)			2.8 (0.1")	
Cable Length (m)		2 (6'6")	5 (16')	
Connector			SMA (M)	



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

- Green Line Ground Plane
- Red Line Free Space