



Rugged design

Low profile

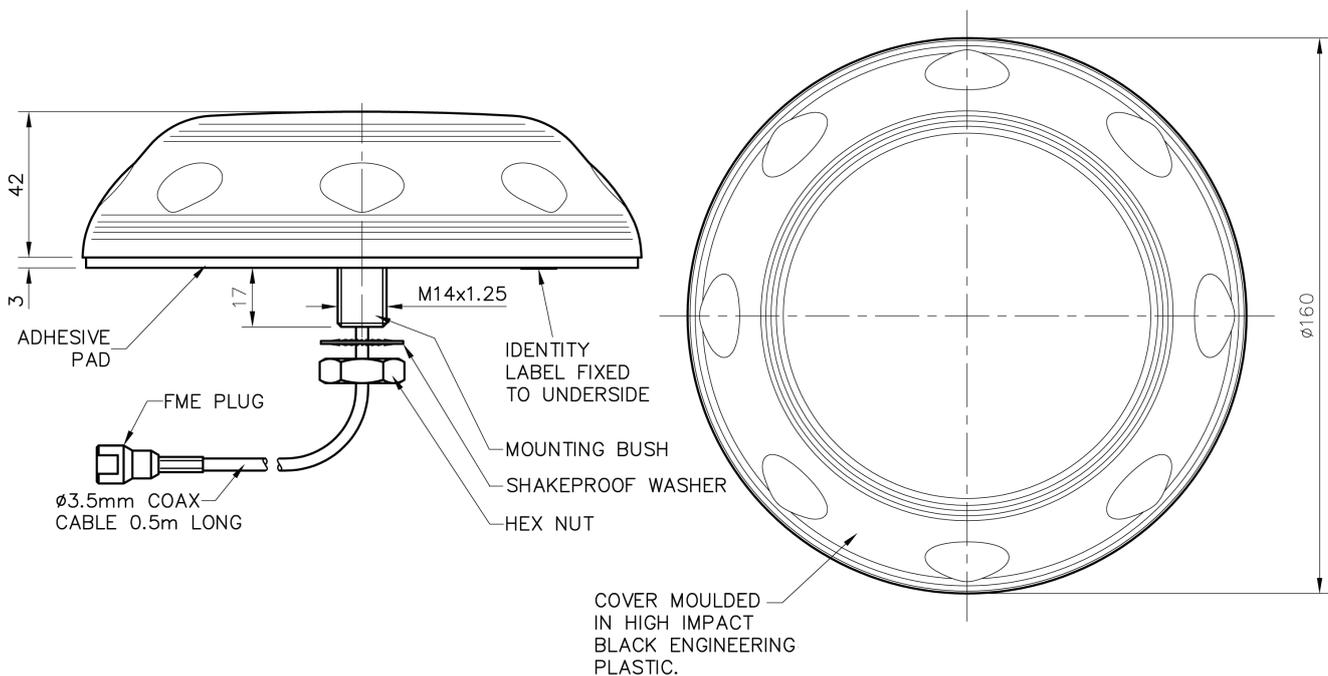
Does not require a ground plane

The Panorama low profile antenna range has been designed to perform under extreme pressure. The outer housing is designed to withstand high impacts while maintaining functionality.

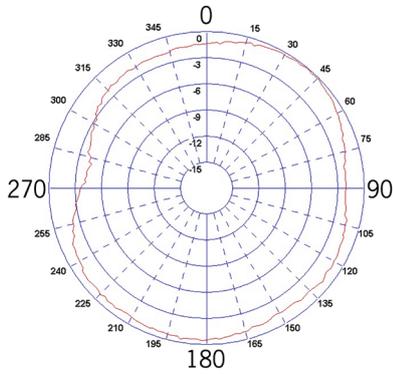
The antenna does not require a metallic ground plane, and is tuned for mounting on non-metallic surfaces as standard.

A version with GPS is also available part number LG460.

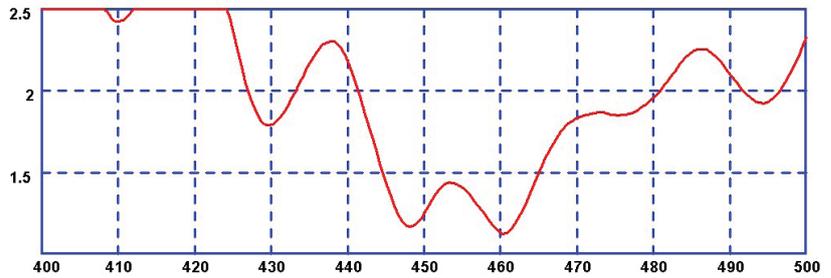
### Technical Drawing



Typical H-Plane (460MHz)



Typical VSWR\*



\* Measured in free space with 5m of CS23 cable

|                         |          |                               |
|-------------------------|----------|-------------------------------|
| <b>Part No.</b>         |          | LP460                         |
| <b>Electrical Data</b>  |          |                               |
| Frequency Range (MHz)   |          | 450-470                       |
| Peak Gain: Isotropic    |          | 0dBi                          |
| Compared to ¼ wave      |          | 2dBd                          |
| Polarisation            |          | Vertical                      |
| Pattern                 |          | Omni Directional              |
| Impedance               |          | 50Ω                           |
| Max Input Power (W)     |          | 20                            |
| <b>Mechanical Data</b>  |          |                               |
| Dimensions (mm)         | Height   | 45 (1.7")                     |
|                         | Diameter | 160 (6.34")                   |
| Operating Temp (°C)     |          | -40°/+80°C (-40°/176°F)       |
| Material                |          | A.S.A.                        |
| Colour                  |          | Black                         |
| Ingress Protection      |          | IP65 (Certificate No. 6267/2) |
| <b>Mounting Data</b>    |          |                               |
| Fixing                  |          | Panel mount                   |
| Mounting hole size (mm) |          | 14 (0.5")                     |
| <b>Cable Data</b>       |          |                               |
| Type                    |          | C35                           |
| Diameter (mm)           |          | 3.5 (0.1")                    |
| Length (m)              |          | 0.5 (16')                     |
| Termination             |          | FME plug                      |



**Panorama Antennas Ltd**  
Frogmore, London, SW18 1HF, United Kingdom

T: +44 (0)20 8877 4444  
F: +44 (0)20 8877 4477  
E: sales@panorama-antennas.com  
www.panorama-antennas.com

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