



Product Data Sheet

W23-CP-9, W24-CP-9
& W26-CP-9

M2M & ISM Band

Directional Patch Antenna

- Directional
- ROHS Compliant
- WiFi
- WiMAX



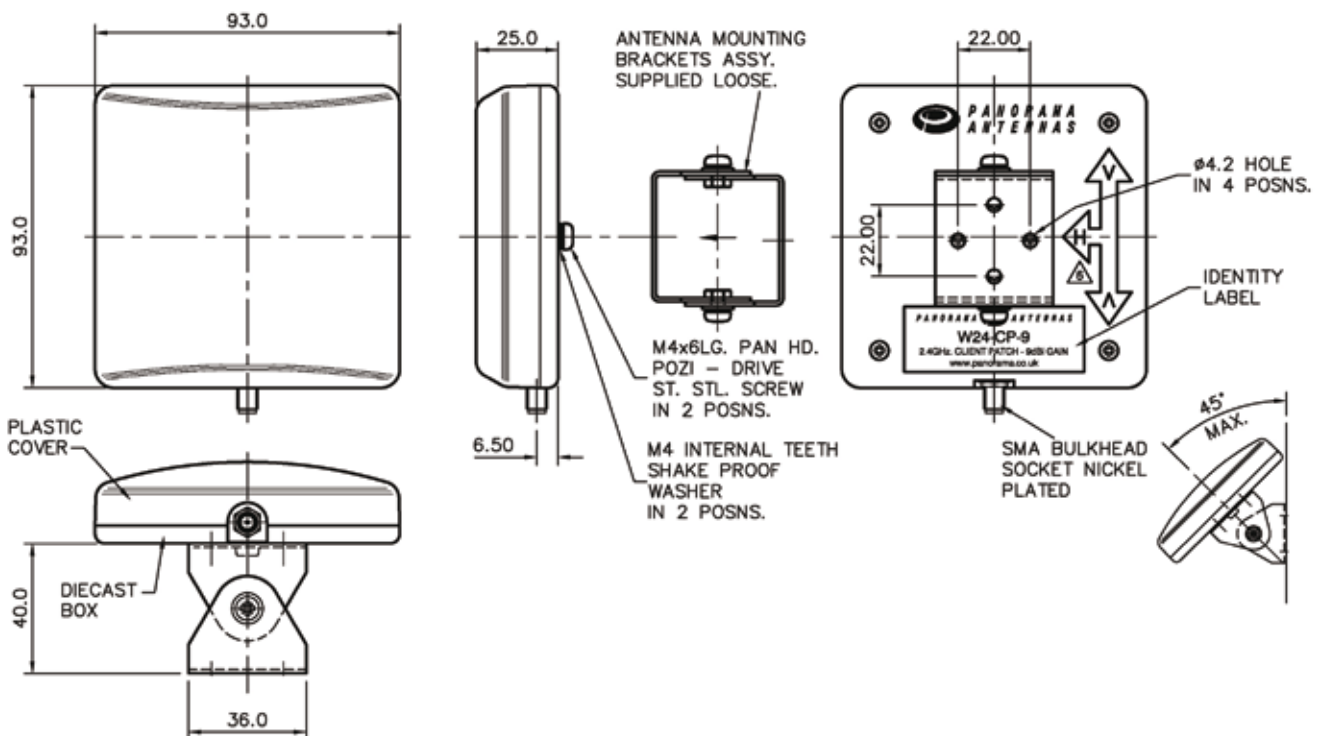
W23-CP-9, W24-CP-9 & W26-CP-9

- High gain directional antenna
- Improves wireless network range
- Point to point communications

The Panorama client patch antenna is a directional wall mounting or mast mounting antenna covering 2.3GHz, 2.4GHz or 2.5GHz. This antenna is ideal for point to point communications or used to cover a wide area thanks to its 65° azimuth and 65° elevation.

Ideal to infill network coverage or subscriber terminals the W23-CP-9, W24-CP-9 & W26-CP-9 are a cost effective solution to network coverage issues.

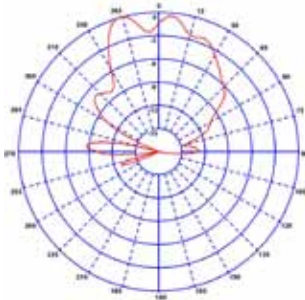
Technical Drawing



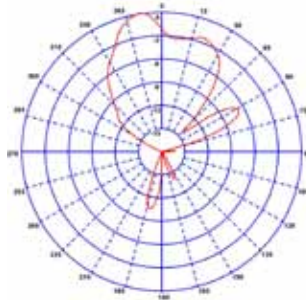
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Directional Patch Antenna

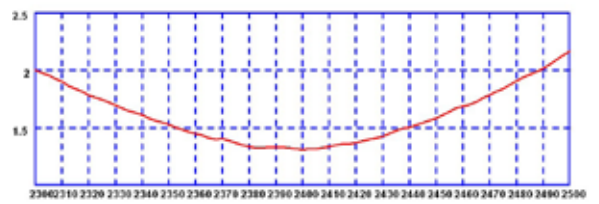
Azimuth (2400MHz)



Elevation (2400MHz)



Typical VSWR



Part No.		W23-CP-9	W24-CP-9	W26-CP-9
Electrical Data				
Frequency Range (MHz)		2200-2400	2400-2485	2500-2700
Operational Band		2.3GHz WiMAX	2.4GHz WLAN	2.5GHz WiMAX
VSWR		≤ 1.5:1	≤ 1.5:1	≤ 1.5:1
Gain: Isotropic		9dBi	9dBi	9dBi
Compared to ¼ wave		7dB	7dB	7dB
Pattern		Directional	Directional	Directional
3dB Beamwidth	Azimuth	65°	65°	65°
	Elevation	65°	65°	65°
Polarisation		Vertical	Vertical	Vertical
Impedance		50Ω	50Ω	50Ω
Max Input Power (W)		20	20	20
Mechanical Data				
Dimensions (mm)	Height	93	93	93
	Width	93	93	93
	Depth	25	25	25
Operating Temp (°C)		-40° / +80°C	-40° / +80°C	-40° / +80°C
Material		Engineering Plastic & Die cast aluminium	Engineering Plastic & Die cast aluminium	Engineering Plastic & Die cast aluminium
Colour		Cool grey	Cool grey	Cool grey
Mounting Data				
Fixing		Wall mount or Mast mount	Wall mount or Mast mount	Wall mount or Mast mount
Environmental Specification				
Wind Load / Resistance		11N at 150km/h	11N at 150km/h	11N at 150km/h
Connector Data				
Termination		SMA socket	SMA socket	SMA socket

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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