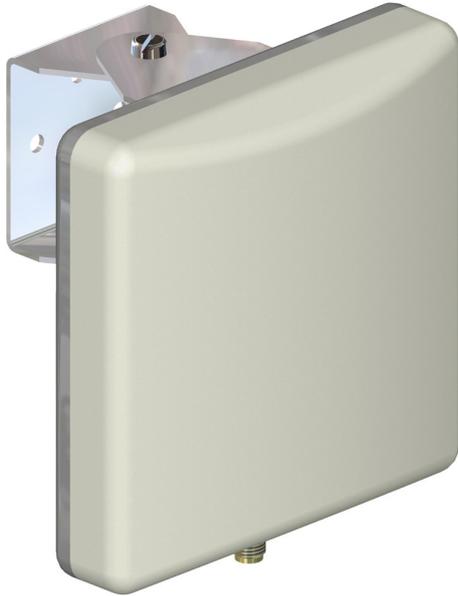


# Dual Band WiFi

W24-58-CP-9



## Dual Band Directional WiFi Antenna

- High Gain Directional Antenna
- Covers 2.4GHz & 5GHz WiFi
- Suitable for providing internal & external WiFi coverage

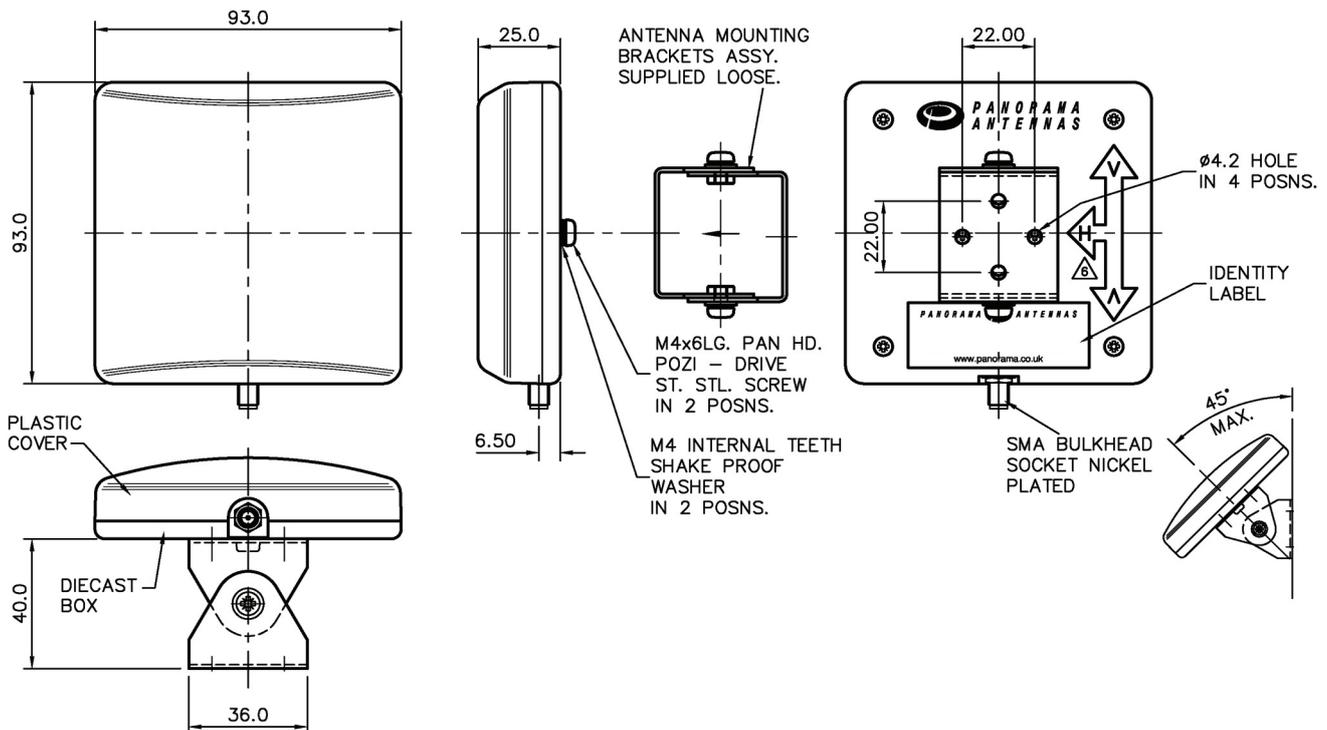
The W24-58-CP-9 is a high gain dual band WiFi directional antenna that can be used for internal or external installation. The antenna features a minimum 60 degree 3dB beam width in azimuth and elevation planes, so is suitable for providing wide area coverage.

Two of these antennas can be installed 'side by side' to provide a 2x2 MiMo antenna system. In addition to providing external or in-building coverage, this antenna can also be effectively used in buses, trams and trains to provide WiFi coverage with minimum coaxial cable run.

The antenna has an SMA socket connector and is supplied with an adjustable angle mounting bracket.

### Technical Drawing

W24-58-CP-9 Shown



# Dual Band WiFi

W24-58-CP-9

PANORAMA ANTENNAS

Product Data

W24-58-CP-9

## Electrical Data

Frequency Range (MHz)	2400-2485 /4900-6000	
Operational Band	2.4GHz/5GHz WLAN	
VSWR	≤ 2:1	
Peak Gain: Isotropic	9dBi	
Pattern	Directional	
3dB Beamwidth	Azimuth 2.4GHz	60°
	Azimuth 5GHz	90°
Polarisation	Vertical	
Impedance	50Ω	
Max Input Power (W)	50	

## Mechanical Data

Dimensions (mm)	Height	93 (3.66")
	Width	93 (3.66")
	Depth	25 (0.98")
Operating Temp (°C)	-30° / +70°C (-22° / +158°C)	
Material	LEXAN EXL9330 & die cast aluminium	
Colour	Signal White	

## Mounting Data

Fixing	Wall mount or Mast mount
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## Environmental Specification

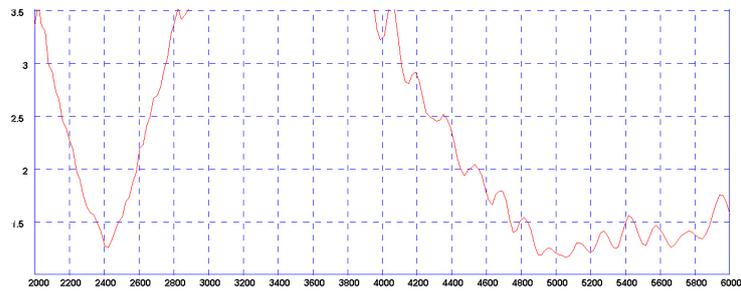
Wind Load / Resistance	11N at 150km/h
Radome Flammability	UV-stabilized. UL rated f1/V-0/5VA

## Connector Data

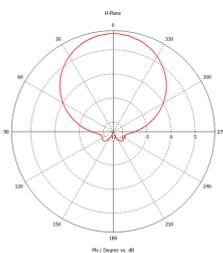
Termination	SMA socket
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Product Data

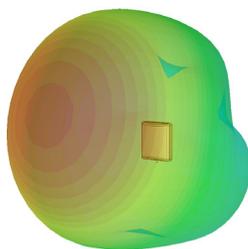
Typical VSWR



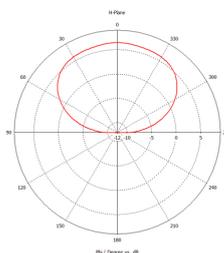
Typical H-Plane (2400MHz)



Typical 3D Plot (2400MHz)



Typical H-Plane (5400MHz)



Typical 3D Plot (5400MHz)

