## Dual Band WiFi Terminal Paddle Antenna

PWB-24-58



### PWB-24-58

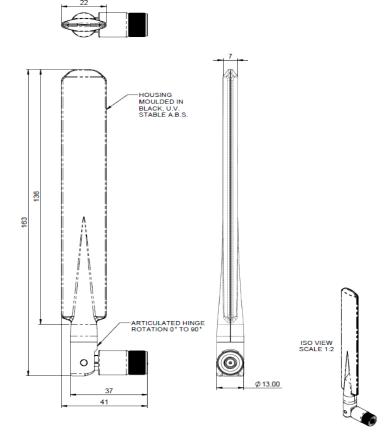
- Dual Band 2.4/5.0GHz
- Suitable for routers and terminals
- Articulated SMA Rev Pol plug
- Also available with standard SMA plug

The PWB-24-58 antenna is a ground plane independent antenna covering 2.4 / 5.0GHz.

Designed as an 'on device' antenna, the PWB-24-58 features an articulated SMA connector for flexible positioning and a sleek profile for low visual impact.

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#### Technical Drawing



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PWB-24-58 Shown

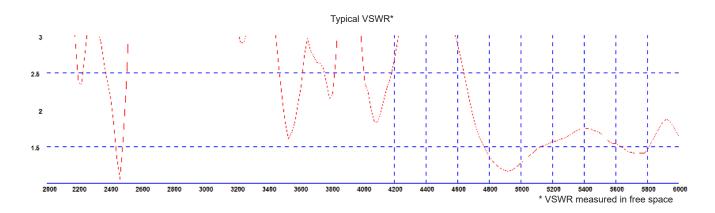
# Dual Band WiFi Terminal Paddle Antenna

PWB-24-58

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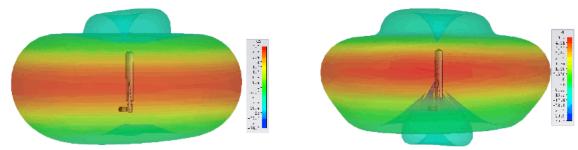
Product Data

| Part No.                 |           |                        |                                       |  |
|--------------------------|-----------|------------------------|---------------------------------------|--|
|                          |           | PWB-24-58-RSMAP        | PWB-24-58-RSMARV                      |  |
| Electrical Data          |           |                        |                                       |  |
| Frequency Range (MHz)    |           | 2.396-2.485 / 4.9-6.0  | 2.396-2.485 / 4.9-6.0GHz              |  |
| Operational Band         |           | 2.4/5.0GHz WiFi        | 2.4/5.0GHz WiFi                       |  |
| Typical VSWR             |           | <2.5:1                 | <2.5:1                                |  |
| Peak Gain:<br>Isotropic* | 2.45GHz   | 3dBi                   |                                       |  |
|                          | 5.4GHz    | 5dBi                   |                                       |  |
| Polarisation             |           | Vertical               | Vertical                              |  |
| Pattern                  |           | Omni-directional       | Omni-directional                      |  |
| Impedance                |           | 50Ω                    | 50Ω                                   |  |
| Max Input Power (W)      |           | 10                     | 10                                    |  |
| Mechanical Data          |           |                        |                                       |  |
| Dimensions<br>(mm)       | Length    | 163 (6.4")             | 163 (6.4")                            |  |
|                          | Width     | 22(0.8")               | 22(0.8")                              |  |
|                          | Thickness | 7(0.27")               | 7(0.27")                              |  |
| Material                 |           | ABS                    | ABS                                   |  |
| Operating Temp (°C)      |           | -22°/ 158°F (-30° / +7 | -22°/ 158°F (-30° / +70°C )           |  |
| Colour                   |           | Black                  | Black                                 |  |
| Termination Data         | a         |                        |                                       |  |
| Туре                     |           | Articulated SMA plug   | Articulated Reverse Polarity SMA plug |  |



Typical 3D Plot (2450MHz)

Typical 3D Plot (5400MHz)



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