

# PCB Antenna for 2.4 GHz Application

Single-Band Antenna with I-PEX Cable Assembly. Pulse Part Number W3525B



## Features

- Size WxLxH (10.7 x 47.7 x 0.8 mm)
- For WLAN devices using WiFi (802.11b/g), and other applications in the ISM 2.4GHz band
- Omnidirectional radiation pattern provides broad 360° coverage
- Various cable length from 3.9 to 10 inch (100 to 254 mm)

## Connector

- I-PEX

Pansize.....20/bag; 500/carton

Dimensions:  $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are +/-  $\frac{0.10}{0.25}$

## Electrical specifications @ +25 °C

*Note: This part number is lead-free and RoHS compliant. No additional suffix or identifier is required.*

| Part Number | Frequency [GHz] | Max Gain [dBi] | Impedance [ $\Omega$ ] | PWB Length (in/mm) | Cable Length (in/mm) |
|-------------|-----------------|----------------|------------------------|--------------------|----------------------|
| W3525B039   | 2.4             | 2              | 50                     | 1.87/47.7          | 3.9/100              |
| W3525B100   | 2.4             | 2              | 50                     | 1.87/47.7          | 10/254               |

### Pulse Finland Oy

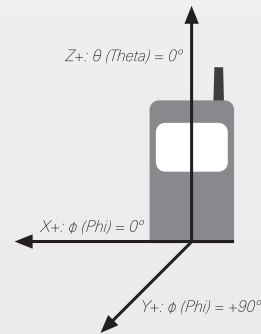
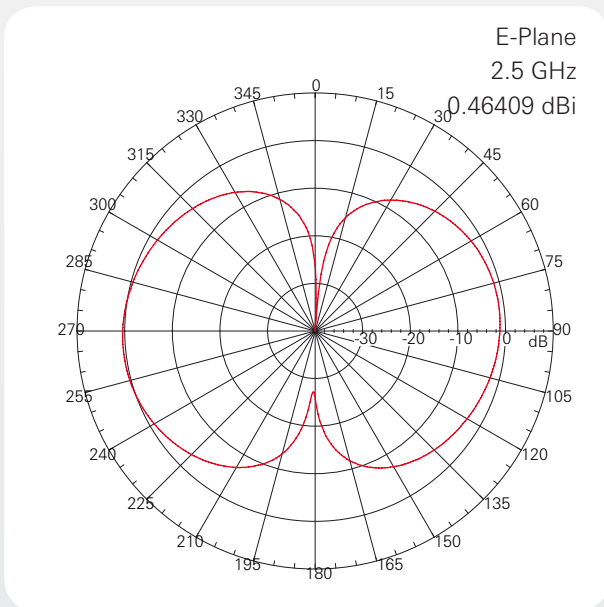
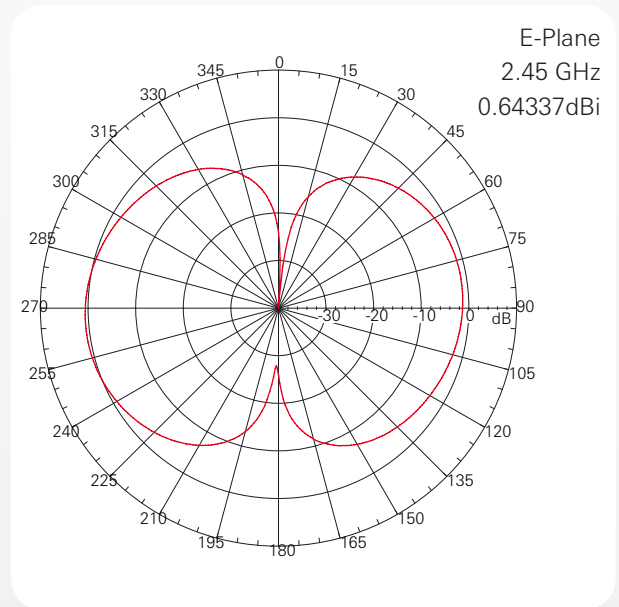
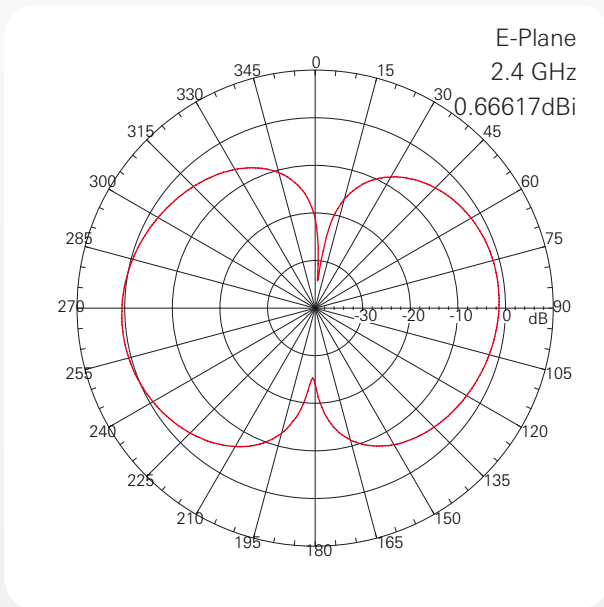
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## Typical Free space Radiation Patterns



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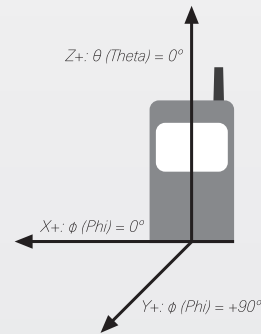
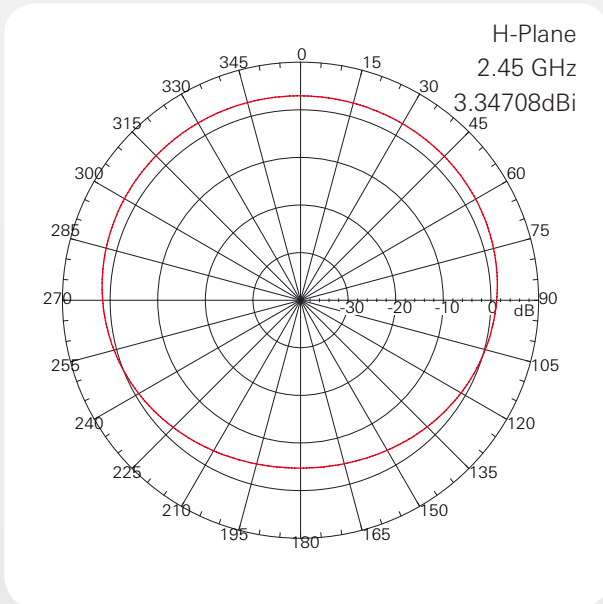
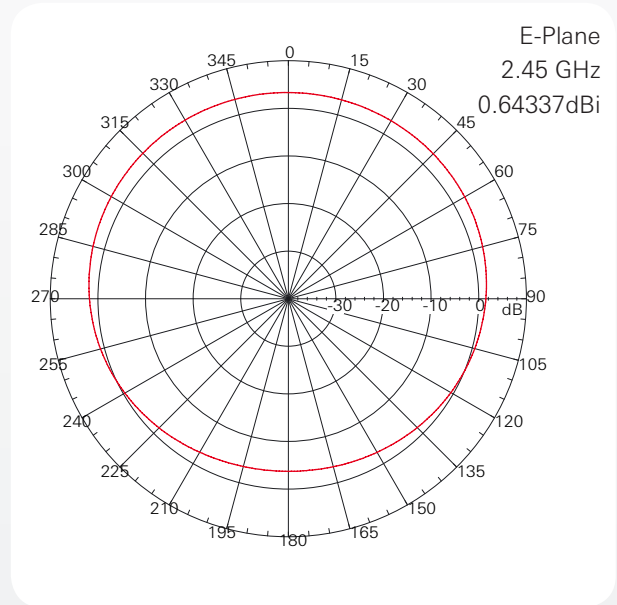
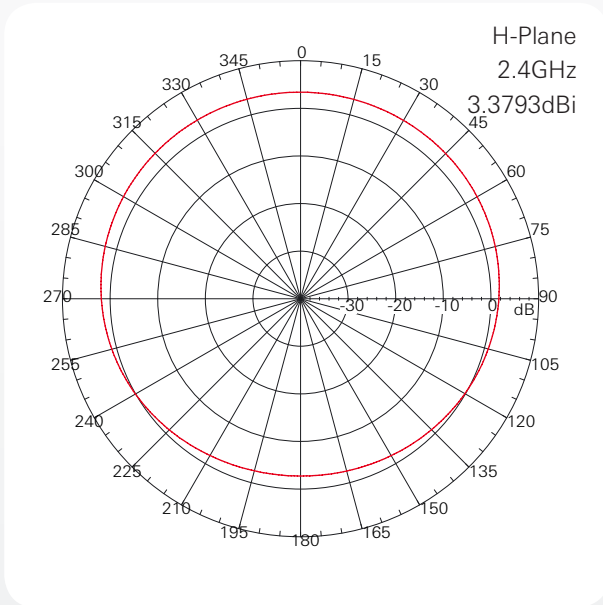
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