Wireless External Dual-Band Antenna for 2.4 GHz & 5.0 GHz Applications

Pulse Part Number: W1043

Features
- Dual-band, blade style antenna
- For WLAN devices using WiFi (802.11a/b/g), Bluetooth® and ZigBee™
- Omni-directional radiation pattern provides broad 360° coverage
- One-quarter wavelength dipole configuration
- Connection and color options easily integrate with OEM designs

Color Options
- Black*
- Gray (Pantone cool gray 8C)

Connector Options
- Reverse SMA (Male)*
- SMA (Male)

* Default Configuration – Please contact Pulse Applications Engineering for assistance in ordering colors and connectors

Electrical Specifications @ 25 ºC

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>W1043</td>
<td>2.4 &amp; 5.0</td>
<td>2.0</td>
<td>50 Ω</td>
<td>≤ 2.0</td>
<td>Vertical</td>
<td>1/4, dipole</td>
<td>Omni</td>
<td>Black</td>
</tr>
</tbody>
</table>
Wireless External Dual-Band Antenna for 2.4 GHz & 5.0 GHz Applications

Application Notes
Omni-directional antennas provide a uniform, donut-shaped, 360° radiation pattern. The omni-directional pattern is suitable for point-to-multipoint broadcasting in all directions. This antenna is primarily used for WLAN applications. However, it can also be used for a variety of other applications within the specified frequency range. When used as an access point, the antenna is ideally located at the center of the coverage area.

Gain Performance W1043

Horizontal Position

Vertical Position

Pulse Antennas
Takatie 6
90440 Kempele
Finland
Tel: +358 207 935 500
www.pulseeng.com/antennas

External Antennas
Sales Contacts
USA 858 674 8100
USA 86 21 32181071
UK 44 1483 401 700
China 86 769 5538070
France 33 3 84 35 04 04
Taiwan 886 2 26980228
Singapore 65 6287 8998