IEEE 802.11b 11Mbps Wireless LAN 6dBi Gain Patch Antenna

The DWL-M60AT is a 6dBi Gain Portable Panel Directional Antenna designed for installation with the D-Link Air DWL-660 wireless LAN PCMCIA card. Equipped with a high Gain, this Panel Directional Antenna is designed to significantly improve the transmission and reception range of the wireless LAN card. You can plug this optional antenna to the DWL-660’s antenna connector to get a better operating range. The DWL-660’s built-in antenna will be disabled and replaced by this antenna. To ensure better performance, both the transmission end and the reception end should use antennas of 6dBi Gain or equivalent.

Features
- IEEE 802.11b wireless LAN standard
- Operates on D-Link’s DWL-660 2.4GHz wireless LAN PCMCIA card
- 6dBi Gain
- Adjustable antenna panel
- Easily mountable on wall or ceiling
- Easy to assemble, easy to disassemble
## Technical Specifications

### DWL-M60AT

**Ordering Information**

**Patch Antenna**

**Antenna**

- **Standard:** IEEE 802.11b Wireless LAN
- **Operating Frequency Range:** 2400 - 2500 Mhz
- **Antenna Type:** Panel directional
- **VSWR:** 1.5 : 1 max.
- **Antenna Gain:** 6.0dBi Typical
- **Polarization Type:**
  - Linear
  - Vertical
- **HPBW / Horizontal:** 80 degrees
- **HPBW / Vertical:** 80 degrees
- **Front-to-Back Ratio:** 12 dBi
- **Power Handling:** 20 watts (cw)
- **Impedance:** 50 Ohms
- **Connector:** RP-SMA
- **Cable:** Filotext, 150cm

**Indoor Operation Range**

- @ 11Mbps: 35 meters
- @ 5.5Mbps: 43 meters
- @ 2Mbps: 45 meters
- @ 1Mbps: 55 meters

**Outdoor Operation Range**

- @ 11Mbps: 225 meters
- @ 5.5Mbps: 340 meters
- @ 2Mbps: 440 meters
- @ 1Mbps: 605 meters

**Antenna Dimensions**

- Base: 85 (L) x 70 (W) x 33 (H) mm
- Panel: 80 (L) x 70 (W) x 16 (H) mm

**Operating Temperature**

-10 °C to 55 °C

**Storage Temperature**

-10 °C to 55 °C

**Humidity**

95% @ 25 °C

**Weight**

110 grams

---

**Ordering Information**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DWL-M60AT</td>
<td>6dBi Gain Portable Panel Directional Antenna</td>
</tr>
</tbody>
</table>