Data Sheet

EZ Connect™
SMCHMANT-6

2.4 GHz Directional Home Antenna

The EZ Connect™ 2.4 GHz Directional Home Antenna (SMCHMANT-6) provides an extended range solution for your wireless networking hardware. Providing 3x the output power over standard dipole antennas (2dBi) this new 6dBi directional antenna will significantly extend your wireless network coverage area up to 50%. With support for all 2.4 GHz Wi-Fi standards, including IEEE 802.11b, 802.11b+, and the new high speed 802.11g standard - this antenna will work on any wireless device that has the popular reverse SMA antenna connector.

The EZ Connect™ 2.4 GHz Directional Home Antenna works with all Barricade™ g Broadband Routers to boost your highspeed wireless signal in a specific direction. Supporting a total plug-and-play installation, this new directional antenna can be installed in 2 simple steps. Simply remove one of the default antennas from your Router, Access Point, or PCI card and connect the new SMCHMANT-6. To optimize your signal, place or mount this new antenna in a location to maximize your new boosted wireless signal.

Features and Benefits

High Performance & Functionality
- Works with 2.4 GHz 802.11 technology to extend your wireless network
- Efficient antenna design provides 360 degrees of optimal coverage
- Flexible installation options – place on a desktop or mount to a wall
- Simple and Quick Installation – connects to any 2.4 GHz device in 3 steps
- Antenna Extension Cable – 100cm cable included

Compatibility
- 802.11b
- 802.11b+
- 802.11g
- Any 2.4 GHz Wireless Device with a Reverse SMA connector
- Operating System Independent works with any OS.

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<td>SMCHMANT-6</td>
<td>2.4 GHz Omni Directional Home Antenna</td>
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Specifications

SMCHMANT-6

Frequency Range:
• 2400-2500MHz

Gain:
• 6dBi

Voltage Standing Wave Ratio (VSWR):
• 2.0:1 Max

Polarization:
• Linear Vertical

Horizontal Plane:
• 80°

Vertical Plane:
• 80°

Impedance:
• 50 Ohm

Connector:
• Reverse SMA Plug

Cable Type:
• ULA-316

Cable Length:
• 100cm

Operating Temperature:
• -10°C to 55°C

Humidity:
• 95% at 25°C

Weight:
• 125g (4.40oz)

Dimensions:
• 75 x 72 x 12 mm (2.95 x 2.83 x .47 in)

Warranty:
• Limited Lifetime

Tech Support:
• Free 24x7 Support via a Toll-free number