

USRobotics antenna accessories provide enhanced wireless network range and improved connections for a variety of 802.11b and 802.11g wireless products. Use them to improve PCI card connections, to enhance router/access point range and coverage, and to provide directional, focused wireless signals. Simple connections and no configuration requirements make them easy solutions to wireless speed and connection reliability issues.

USRobotics®

Enhance Wireless Network Range and Coverage



Flexibility

Variety of 2.4GHz (802.11b/802.11g) antennas to enhance performance and connection reliability*.

Simple Connections

- Reverse polarity SMA connectors for easily attaching to wireless products
- No configuration required
- Operating system independent

Great Compatibility

Supports 802.11b, 802.11b+ (22 Mbps), 802.11g, 802.11g+ (MAXg, Turbo, etc.)

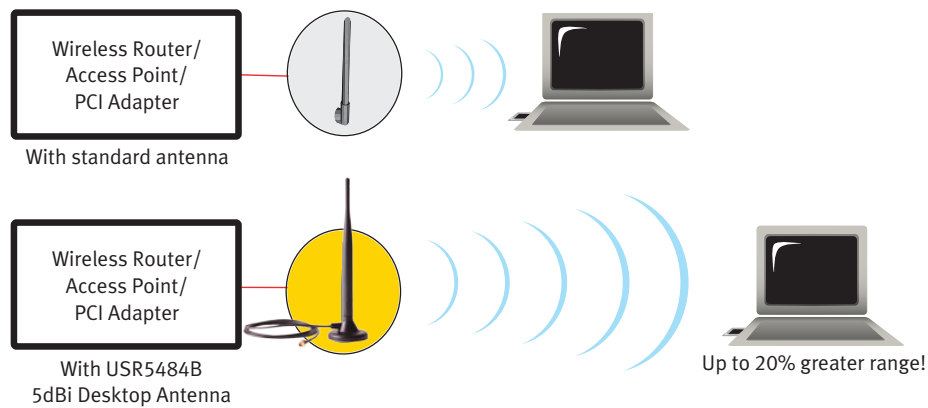
Eliminate Dead Spots

Improves signal strength for more reliable and consistent connections

Improve Wireless Range

- Provide coverage for an entire home or small office
- Extend coverage to an entire showroom, coffee shop or restaurant





USR5481B, USR5482A, USR5483 & USR5484B WIRELESS ANTENNA ACCESSORIES

USR5481 - Swivel Antenna

KEY APPLICATION

Replacement antenna to extend the range of 802.11b/802.11g wireless routers, access points and desktop adapters.

SPECIFICATIONS AND STANDARDS

- Gain: 5dBi
- Nominal Impedance: 50 Ohms
- Frequency Range: 2.4-2.5 Ghz
- VSWR: 1.92 Max
- Omni-directional
- Direct swivel attachment
- Reverse polarity SMA (female) connector
- RoHS compliant

PACKAGE CONTENTS

- 5dBi swivel antenna
- CD ROM
- Installation Sheet (Multilingual)



USR5481B

USR5482A/USR5483 - Directional Panel Antennas

KEY APPLICATIONS

Provides broad, focused coverage for 802.11g and 802.11b wireless APs and routers in buildings with large coverage areas and wireless hot spots. Also for outdoor applications (e.g. building-to-building connections).

SPECIFICATIONS AND STANDARDS

- Gain: 9dBi (USR5482A) or 14 dBi (USR5483)
- Nominal Impedance: 50 Ohms
- Frequency Range: 2.4-2.5 Ghz
- VSWR: 1.92 Max
- Directional antennas
- Outdoor rated
- Wall or pole mountable
- Reverse polarity SMA (female) connector
- Operating temperature: -30°C - +80°C
- Polarization
 - USR5482A Vertical (60°) or horizontal (60°), linear
 - USR5483 Vertical (30°) or horizontal (30°), linear



USR5482A

USR5484 - Desktop Antenna

KEY APPLICATION

Connecting to 802.11b/ 802.11g wireless PCI cards to enhance range and position antenna away from the typically noisy "behind the desktop" location.

SPECIFICATIONS AND STANDARDS

- Gain: 5dBi
- Nominal Impedance: 50 Ohms
- Frequency Range: 2.4-2.5 Ghz
- VSWR: 1.92 Max
- Omni-directional
- Reverse polarity SMA (female) connector
- RoHS compliant

PACKAGE CONTENTS

- 5dBi antenna with magnetic base
- CD ROM
- Installation Sheet (Multilingual)



USR5484B

PACKAGE CONTENTS

USR5482A

- 9dBi Directional Antenna
- Mounting kit
- CD ROM
- Installation Sheet (English only)
- 5 foot Cable

USR5483

- 14dBi Directional Antenna
- Mounting kit
- CD ROM
- Installation Sheet (English only)
- 5 foot Cable



USR5483

WARRANTY (USR5481B, USR5482A, USR5483 & USR5484B)

- Two-year limited warranty from date of purchase

* High gain antenna use is subject to national regulations. Please refer to your national spectrum management authority for more information.

