

## 5 GHz Directional 7dBi Panel MIMO Antenna A5007S3-DP

The A5007S3-DP 5 GHz Multiple-Input, Multiple-Output (MIMO) patch antenna is designed to operate with enterprise-class 802.11n MIMO access points (APs). The antenna features three integrated 5 GHz patch antennas in one enclosure, making it an ideal antenna to support demanding indoor or outdoor applications. Includes Universal Articulating Mount for an easy and flexible wall or mast mount installation.



Features	Benefits
MIMO (Multiple-Input, Multiple-Output)	<ul style="list-style-type: none"> <li>◆ Three antennas within a single enclosure</li> <li>◆ Send more data simultaneously, or</li> <li>◆ Improve the ability of the radio to receive weak signals, therefore giving better range</li> </ul>
Directional	<ul style="list-style-type: none"> <li>◆ Allows increased performance on transmit and receive</li> <li>◆ Focused signal reduces interference from unwanted sources</li> <li>◆ Use on repeaters to maximize signal strength and reliability</li> </ul>
Rugged and weatherproof	<ul style="list-style-type: none"> <li>◆ Suitable for demanding indoor or outdoor applications</li> <li>◆ Unobtrusive, aesthetically pleasing design</li> <li>◆ Easy and flexible wall or mast-mounted installation</li> </ul>
Backed by ProSoft Technology®	<ul style="list-style-type: none"> <li>◆ 20-year history of delivering high-quality, reliable solutions designed with you in mind</li> <li>◆ Free, unlimited, worldwide Technical Support by phone anytime for pre-sale, set-up, or troubleshooting support help you get going sooner and stay running longer</li> <li>◆ Three-Year Warranty ensures reliability and protects against equipment failures</li> <li>◆ Free ProSoft Software tools tightly integrated with our gateway hardware...a simple and quick, total solution to help you make our gateways fit your applications</li> <li>◆ Indoor/outdoor radio network design assistance – accessory selection, path studies, and site survey</li> </ul>

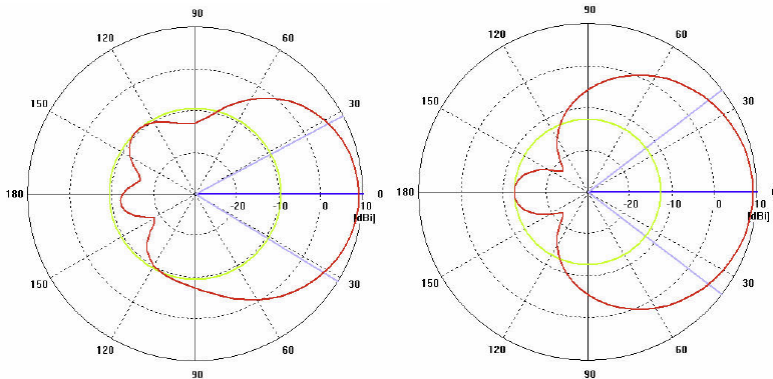
### Compatibility

All antennas have been tested for compatibility with RadioLinx products. Please see the ProSoft Wireless Designer (PWD) configuration tool to assist you in choosing the best antenna for your application.

## Specifications

Frequency Range	5.100 GHz to 5.850 GHz
Bandwidth	750 MHz
Gain	7 dBi
Vertical Beamwidth	60°
Horizontal Beamwidth	75°
Front-to-back Ratio	≥ 18 dB
VSWR	≤ 2
Nominal Impedance	50 Ohms
Polarization	Vertical
Max Power	50 Watts
Connector	RPSMA Plug with 36" Pigtail (x3)
Dimensions	8.9 x 4.9 x 0.8 in (23 x 13 x 2 cm)
Weight	0.77 lbs (0.35 kg)
Operating Temperature Range	-22°F to 158°F (-30° C to 70° C)
Mounting Style	Wall or Mast Mount

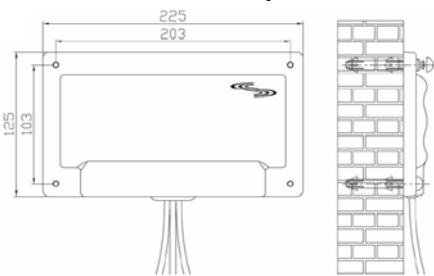
## Patterns



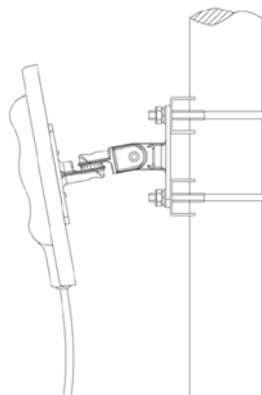
Vertical Radiation Pattern

Horizontal Radiation Pattern

## Flush Wall Mount Example



## Mast / Wall Mount Example



## Additional Products

ProSoft Technology® offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

For a complete list of products, visit our website at: [www.prosoft-technology.com](http://www.prosoft-technology.com)

## Ordering Information

To order this product, please use the following:

### 5 GHz Directional 7dBi Panel MIMO antenna

A5007S3-DP

To place an order, please contact a local ProSoft distributor. A list of ProSoft-authorized distributors is available on our website at: [www.prosoft-technology.com](http://www.prosoft-technology.com) and select Where to Buy from the menu.