



**2 dBi Omnidirectional Multi-Band  
Articulating Antenna, 2.4/5GHz**  
A2502S-OA

All antennas have been tested for compatibility with RadioLinX products. Please see our Antenna Selection Guide to assist you in choosing the best antenna for your application.

- 2.4 GHz / 5 GHz Multi-Band
- IEEE 802.11a/b/g
- Wireless Video Systems
- Multipoint and Mobile Applications

**How to Contact Us: Sales and Support**

All ProSoft Technology® products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

**Asia Pacific**

+603.7724.2080, asiapc@prosoft-technology.com  
Languages spoken include: Chinese, Japanese, English

**Europe - Middle East - Africa**

+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com  
Languages spoken include: French, English

**North America**

+1.661.716.5100, support@prosoft-technology.com  
Languages spoken include: English, Spanish

**Latin America (Sales only)**

+1.281.298.9109, latinam@prosoft-technology.com  
Languages spoken include: Spanish, English

**Brasil**

+55-11.5084.5178, eduardo@prosoft-technology.com  
Languages spoken include: Portuguese, English

## 2 dBi Multi-Band Articulating Antenna

### A2502S-OA

This type of portable antenna is vertically polarized and omni-directional. The radiation elements of this antenna are coaxial cable housed in an injection-molded sleeve made from polyurethane. The overall construction of this type of antenna provides flexibility and durability and is designed to attach directly to the radio or be remote mounted.

This antenna features an integral SMA Plug Reverse Polarity connector.

### Features and Benefits

- Superior performance
- All weather operation
- SMA Plug Reverse Polarity Connector
- RoHS Compliant

### General Specifications

<b>Connector</b>	RP-SMA
<b>Weight</b>	
<b>Length</b>	5.93 in. (150.7mm)
<b>Base Diameter</b>	.51 in. (13.0mm)
<b>Whip Material</b>	Polycarbonate (Black)
<b>Swivel Mechanism</b>	Polycarbonate (Black)
<b>Connector</b>	Brass with black chrome plating
<b>Storage Temperature</b>	-30°C to +75°C (-22°F to 167°F)
<b>Operating Temperature</b>	-20°C to +65°C (-40°F to 185°F)
<b>RoHS Compliant</b>	Yes

### Electrical Specifications

<b>Frequency</b>	2.4 to 2.5 / 4.9 to 5.35 / 5.725 to 5.85 GHz
<b>Gain</b>	2 dBi @ 2.45 GHz 2 dBi @ 5.25 GHz 2 dBi @ 5.75 GHz
<b>Polarization</b>	Vertical
<b>Impedance</b>	50 Ohm nominal
<b>VSWR</b>	< 2.0:1
<b>Lightning Protection</b>	DC Ground

## Additional Products

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

Visit our web site at <http://www.prosoft-technology.com> for a complete list of products.

---

## Ordering Information

To order this product, please use the following:

A2502S-OA            2 dBi Omnidirectional Multi-Band  
                                Articulating Antenna, 2.4/5GHz

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft distributors near you, go to <http://www.prosoft-technology.com>

### Distributors:

Place your order by email or fax to:

#### North American / Latin American / Asia Pacific

[orders@prosoft-technology.com](mailto:orders@prosoft-technology.com),  
fax to +1 661.716.5101

#### Europe

[europe@prosoft-technology.com](mailto:europe@prosoft-technology.com),  
fax to +33 (0) 5.61.78.40.52

Copyright © ProSoft Technology, Inc. 2000 - 2008. All Rights Reserved.  
April 04, 2008