

DATASHEET

900 MHz Articulating Omni Antenna A902S-OA



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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.

This type of portable antenna bends up to 90 degrees at the connector and is vertically polarized. The radiation elements of this antenna are coaxial cable and housed in an injection molded sleeve made from polyurethane. The overall construction of this type of antenna provides flexibility and durability. This antenna can attach directly to the radio or can be remote mounted.

The Omni Articulating Antenna bends at the connection and is typically connected to a remote radio.

General Specifications

Radome Material	Flexible Urethane Exterior (molded)
Connector Material	Brass with black chrome plating
Polarization	Vertical
Nominal Impedance	50 Ohms
Termination	Type RP-SMA plug
Height	5.4 in.

Electrical Specifications

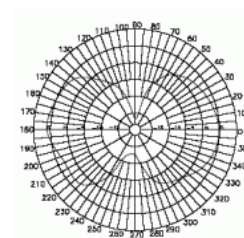
Frequency Range	Gain
902 to 928 MHz	2 dBi

Mechanical Specifications

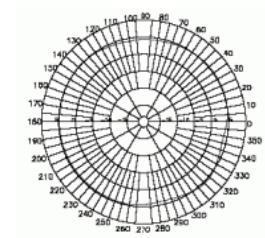
VSWR	Height	Operation Temp	Storage Temp
< 2.0:1	5.4 in. (137 mm)	-20 to +65 celsius	-30 to +75 celsius

Patterns

A902S-OA horizontal



A902S-OA vertical



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:

A902S-OA 900 MHz Articulating Omni Antenna

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

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Europe

europe@prosoft-technology.com,
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