



5 GHz Bulkhead Mount Antenna

A5003S-OBH

The RadioLinx A5003S-OBH Bulkhead Mount Antenna is a rugged style antenna and excellent for outdoor or indoor industrial applications. The design features field diversity with both vertical and horizontal polarization components. This provides the antenna diversity, frequency agility, low visibility, wide bandwidth, and a low angle radiation pattern that is superior to traditional gain antennas in most applications.

Features and Benefits

- Superior performance
- Excellent for voice to telemetry applications
- Permanent mounting for high-risk applications such as metering where antennas must resist vandalism and achieve economical mounting
- No groundplane is required for proper operation
- Field diversity means that the antenna is simultaneously sensitive to both electric and magnetic fields of signal, like having two antennas. Field diversity makes the antenna resistant to the picket fence fading and multipath nulls that are found in urban operation and undulating mobile environments
- Low Profile design provides watertight seal
- Lightweight fiberglass radome
- All weather operation

Specifications

Frequency	5.15 - 5.9 GHz
Gain	3 dbi, typical
VSWR	50 Ohms
Operating Temp.	-40° to +85° C (-40° to 185° F)
Nominal Impedance	50 ohms
Maximum Power	10 watts
Size	1.75" diameter x 3" high (45mm x 76mm)
Case Material	ABS plastic, UV Resistant
Hardware	Nut, lockwasher, and gasket
Mounting Stud	5/8" (16mm) diameter feed thru
A5003S-OBH	3/4" long threaded for 1/2" metal (19mm long for 12.7mm metal)
Pigtail Cable	RP-195, 5 foot
Pigtail Connector	RPSMA

5 GHz Bulkhead Mount Antenna

A5003S-OBH

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.

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

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:

A5003S-OBH 5 GHz Bulkhead Mount 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

orders@prosoft-technology.com,
fax to +1 661.716.5101

Europe

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