Laird TECHNOLOGIES®

Innovative **Technology** for a **Connected** World

S2403BP
Omnidirectional Antenna

SPECIAL PURPOSE OMNIDIRECTIONAL ANTENNAS

Laird Technologies' ISM band data transmission omni-directional antenna, the S2403BP antenna provides for transmission and reception of linearly polarized signals in the 2400 - 2500 MHz frequency band. The antenna consists of a series fed, two element dipole array providing a nominal 3 dBd gain with a nominal 360 by 30 degrees half power beamwidth.

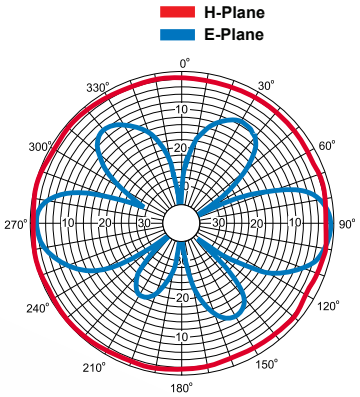
The antenna is an excellent choice for superior RF coverage in warehouses, auditoriums, shopping malls, industrial complexes and more. Standard models of the antennas are white in color. Installation options include a pole mount or suspended ceiling mount.

FEATURES

- Polycarbonate enclosures
- Available with ceiling mounts
- Plated copper laninated radiator
- Weatherproof designs with UltraLink® pigtail
- Broad band performance
- DC grounded

MARKETS

- WiMAX



S2403BP

PARAMETER	SPECIFICATIONS				
Antenna Part Number	S5703BP5SMF	S5703BH7SMF	S2400BH12NF	S2403BP12NF	S2403BH12NF
Frequency Range (MHz)	5725 - 5875	5725 - 5875	2400 - 2500	2400 - 2500	2400 - 2500
Gain (dBi)	5	5	5.15	5.15	5.15
3 dB Beamwidth E-Plane	38°	38°	38°	38°	75°
Height In (cm)	7 (17.8)	7 (17.8)	11.5 (29.2)	11.5 (29.2)	9 (22.9)
Weight lb (kg)	0.3 (0.14)	0.2 (0.1)	0.31 (0.14)	0.41 (0.18)	0.29 (0.13)
W/sur area ft^2 (m^2)	.06 (006)	0.006 (0.006)	0.08 (0.007)	0.08 (0.007)	0.122 (0.0011)
W/survival mph (kph)	125 (200)	125 (200)	125 (200)	125 (200)	125 (200)
Enclosure	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Power (watts)	20	20	50	50	50
Mount Style	Tube end	Ceiling	Ceiling	Tube end	Ceiling
Mast Diameter in (cm)	2 (5.1)	N/A	N/A	2 (5.1)	N/A

global solutions: local support™

Americas: +1.847 839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12
IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

ANT-DS-S2403BP 0212

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2012 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.