



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



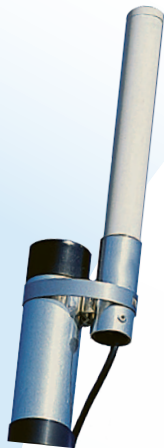
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SPECIAL PURPOSE OMNIDIRECTIONAL ANTENNAS

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.

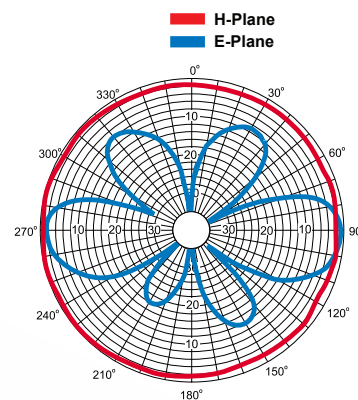
The antenna is an excellent choice for superior RF coverage in warehouses, auditoriums, shopping malls, industrial complexes and more. Standard models of the antennas are white in color. Installation options include a pole mount or suspended ceiling mount.

FEATURES

- Polycarbonate enclosures
- Available with ceiling mounts
- Plated copper laminated 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 | 2 | 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 ft² (m²) | .06 (0.006) | 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 |

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ANT-DS-S2403BP 0212

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