Laird TECHNOLOGIES®

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

S2406BP
Omnidirectional Antenna

2.4 GHz MONOPOLE ANTENNA

Laird Technologies' 6 dBd (8 dBi) omnidirectional antenna for the 2400 - 2500 MHz frequency band exhibits a 13° E-Plane beamwidth. The mounting hardware for the S2406BP is a heavy duty extruded aluminum bracket and stainless steel U-bolt configuration allowing the antenna to be mast mounted in harsh environments.

The mounting hardware for the S2406BH is a .25 x 20 female brass thread and ceiling grid clip configuration allowing the antenna to be mounted to a drop ceiling or to an I-beam clamp. The antenna is ideal for ISM band applications where additional gain is required either to increase coverage area or to mitigate the attenuation resulting from long coax runs.

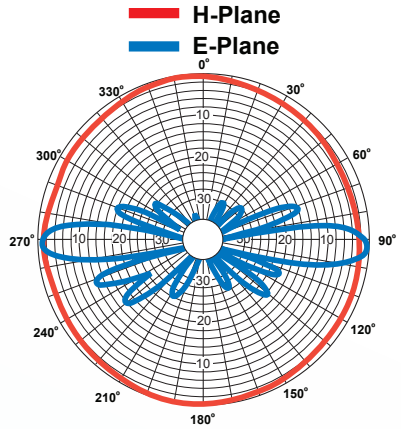
The standard configuration is an N female connector on a 7 inch coax pigtail. Other connector options and pigtail lenghts are available upon request. The S2406BP and S2406BH is an excellent antenna solution for industrial campuses or other point/multipoint applications.

MARKETS

- WiMAX

S2406BH

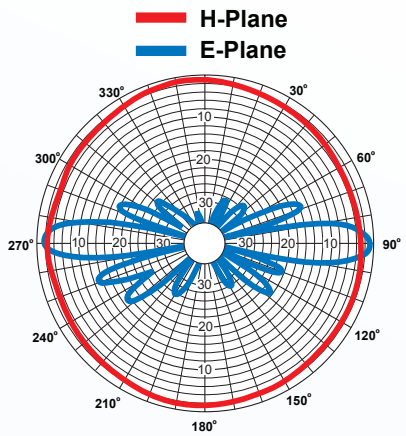
PARAMETER	SPECIFICATION
Frequency (MHz)	2400 - 2500
Gain (dBd)	6
Bandwidth (1.5:1 MHz)	100
E-Plane (-3 dB beamwidth)	13°, typical
Height in (cm)	25 (63.5)
Weight lbs (kg)	0.5 (.23)
W/sur Area ft² (m²)	0.11 (.01)
W/survival mph (kph)	80 (128)
Power (Watts)	20
Enclosure Material	Polycarbonate
Mount	Tube end N



S2406BH

S2406BP

PARAMETER	SPECIFICATION
Frequency (MHz)	2400 - 2500
Gain (dBd)	1
Bandwidth (1.5:1 MHz)	100
E-Plane (-3 dB beamwidth)	60°
Height in (cm)	2 (5.1)
Weight lbs (kg)	0.5 (.23)
W/sur Area ft² (m²)	.02 (.002)
W/survival mph (kph)	125 (200)
Power (Watts)	50
Enclosure Material	Polycarbonate
Mount	Ceiling



S2406BP

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