

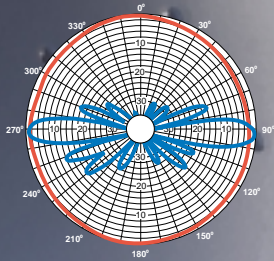
PRODUCT DATA SHEET



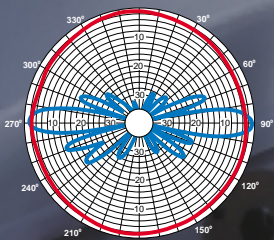
DATA TRANSMISSION OMNIS

- Polycarbonate enclosures
- Available with ceiling mounts
- Plated copper laminated radiator
- Weatherproof designs with UltraLink® pigtail
- Broadband performance
- DC grounded
- Omnidirectional performance

■ H-Plane
■ E-Plane



S2406BH



S2406BP



2.4 GHz Monopole Omnidirectional Antenna

Cushcraft recently engineered a 6 dBd (8dBi) omnidirectional antenna for the 2400 - 2500 MHz frequency band. The antenna exhibits a 13 degree 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 1/4 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 radome is constructed of durable polycarbonate. 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" coax pigtail. Other connector options and pigtail lengths are available upon request. The S2406BP and S2406BH is an excellent antenna solution for industrial campuses or other point/multipoint applications.

DATA OMNI SPECIFICATION CHART

Model	Freq. MHz	Gain dBd	Bandwidth 1.5:1 MHz	-3dB bwwidth E-Plane	Height In (cm)	Weight lb (kg)	W/sur Area ft ² (m ²)	W/survival mph (kph)	Power (Watts)	Enclosure Material	Mount Style	Mast Dia in (cm)
S2406BH12NF	2400-2500	6	100	13°	25 (63.5)	0.5 (.23)	0.11 (.01)	80 (128)	20	Polycarbonate	Tube end	N/A
S2403M12NF	2400-2500	1	100	60°	2 (5.1)	0.5 (0.23)	.02 (.002)	125 (200)	50	Polycarbonate	Ceiling	N/A