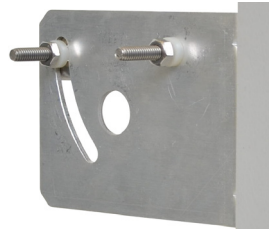




PS Series Sector Antenna



Adjustable Pole Mount Bracket



Optional Wall Mount Bracket

Mobile Mark's high frequency Panel antenna is designed for new Broadband systems. These advanced designs accommodate the high-speed wideband performance that the new services will provide.

The PS Series sectorized panel antenna is excellent for deploying point-to-point applications. The panel antenna is a broadband design that uses advanced PCB technology.

By designing the antenna specifically for WiFi, we've made this model much smaller, higher performance and lower cost than most competitor offerings.

The PS Series housing is a very attractive grey Polystyrene plastic. Compact in size, 12.5" H x 3" W (32 cm x 7.6 cm) this antenna will be unobtrusive in any indoor or outdoor environment.

The PS12-2400-90 model for WiFi 2.4 GHz is offered in a 90° sector in the horizontal beam. The antenna has a 22° vertical beam.

The PS Series has an adjustable metal bracket, that allows easy alignment and tilt. The unit can be adjusted down in a vertical axis in a

Directional Antennas, Sector Panels, WiFi 2.4 GHz

- High gain 12 dBi for point to point and multipoint applications
- Attractive low profile styling can be used for access point or subscriber
- Model covers 2.4 GHz WiFi
- Standard pole mount hardware included

continuous range using a sliding slot. With these full features, an array of antennas can be field assembled to provide a complete omniscell. Mounts to pipe with up to 2 1/2" (6.4 cm) outside diameter.

An optional mounting bracket adapter can be provided for wall mount; allows for both vertical & horizontal adjustment.

For maximum reliability and weatherproofing, the antennas are outfitted with an N connector at the back of these models.

Custom cable assemblies are available using a variety of cables including low loss LMR-400, RF-195, and traditional RG-58.

Model #	Gain	Frequency	Sector Size
PS12-2400-90-GRY	12 dBi	2.4 - 2.485 GHz	90 degrees
PN-WMK	Optional Wall Mount		
Connector is N female. Jumper cables are also available, built to order.			

Specifications			
Frequency:	2.4-2.485 GHz	Dimensions:	12.5" H x 3" W (all models) 32 cm x 7.6 cm
Gain:	12 dBi	Weight:	1 lb (0.45 kg)
VSWR Max:	2:1	Pole Mounting:	L-bracket with S.S. U-bolts, continuous adjustment up to 45° downtilt, standard, fits masts up to 2.5" (6.4 cm) OD
Impedance:	50 Ohm nominal	Optional Wall Mounting:	Double swivel, vertical (up to 30° downtilt) & horizontal (45° from center, 90° total) adjust ment, order separately
Max Power:	25 watts	Connector:	Integral N Female
Beamwidth:	90° Az, 22° El		
Front to Back Ratio:	25 dB or better		
Lightning Protection:	External recommended		
Max Wind Velocity:	125 + mph (193 kph)		
Material:	Light Grey Polystyrene radome		
Temperature:	-40° C to +85° C		