

## Directional, Button Patch WiFi 2.4 & 5 GHz



Button Patch Antenna



Optional Pole/Wall  
Mount Option

- Small weatherproof radome; perfect for in-building & outdoor coverage
- Models for 802.11b/g WiFi and 802.11a (5.2/5.8 GHz)
- Semi-hemisphere radiation pattern for easy installation
- Unique design provides high performance at an economical price

Mobile Mark's Button Patch Antennas have features that make them invaluable, solving many of the problems normally associated with these higher frequencies.

The antennas use unique designs that provide significant improvements in efficiency while being very economical. VSWR performance is maintained across the operating bandwidth.

The antennas provide near hemispherical energy radiation, resulting in broad area coverage, yet maintaining directivity and isolation.

The Button Patch is only 2 1/2" diameter (64 mm). It also is enclosed in a weather tight ASA plastic radome, with a smooth finish. The antennas are supplied in white or black.

They economically mount using double-sided tape. They terminate with 6" of RG-188 cable (152 mm), and a SMA Plug (Male). Additional jumpers can be provided. The antennas are usable both indoors & outside. An optional bracket allows pole and wall mounting of the Button Patch.

The antennas come in a variety of gain configurations, depending on the frequency of operation. Please refer to the model chart for exact gain & frequency.

The Button Patch antennas mount using industrial double sided tape. Because they have broad beamwidth, angle adjustment is usually not necessary. An optional pole/wall mount assembly kit is also available.

Model #	Frequency	Gain
BP5-2400-4C-WHT-6	2.4-2.49 GHz	5 dBi
BP7-5250-4C-WHT-6	5.15-5.35 GHz	7 dBi
BP7-5725-4C-WHT-6	5.72-5.83 GHz	7 dBi
BP10-5500-4C-WHT-6	4.9-6 GHz	10 dBi
<u>Color options available for above models</u> BLK-Black or WHT-White		
BP-MK	N/A	Pole/Wall Mount option

Specifications	
Frequency:	See above
Gain:	See above
VSWR:	2:1 over band
Impedance:	50 Ohm nominal
Maximum Power:	50 Watts
Beamwidth:	
BP5-2400	80° Az, 80° El
BP7-5250	80° Az, 60° El
BP7-5725	80° Az, 60° El
BP10-5500	60° Az, 60° El
Front-to-Back ratio:	15 dB
Operating Temp:	-40° to +85° C
Lightning Protection:	External recommended
Radome Size:	2 1/2" Dia x 0.75" Depth (64 mm Dia x 19 mm Depth)
Rated Wind Velocity:	125 mph+ (193 kph)
Antenna Radome:	ASA plastic, black or white
Weight:	0.5 lbs (0.25 kg)
Standard Mounting:	Fixed double sided tape,
Optional Mounting:	Pole/wall mount kit, BP-MK
Termination:	6" (152 mm) RG-188, SMA Plug (Male) connector
Shock & Vibration:	EN 61373, IEEE 1478, MIL-810G
Water Ingress:	IPx5