MobileMark
antenna solutions

US Office: Tel: 800-648-2800 or +1.847-671-6690
UK Office: Tel: (+44) 1543 459555
www.mobilemark.com

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
Color options available for above models BLK-Black or WHT-White		
BP-MK	N/A	Pole/Wall Mount option

Specifications

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