

Directional, Button Patch WiFi 2.4 & 5 GHz



Button Patch Antenna



Deluxe 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.

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 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 deluxe pole/wall mount assembly kit is also available.

Model Number

Models	Freq	Description
BP5-2400	2.4-2.49 GHz	5 dBi Button Patch
BP7-5250	5.15-5.35 GHz	7 dBi Button Patch
BP7-5725	5.72-5.83 GHz	7 dBi Button Patch
BP10-5500	4.9-6 GHz	10 dBi Button Patch
BP-MK	N/A	Pole/Wall Mount option

All antennas supplied with 6" (152 mm) of RG-188 and male SMA. For other connectors including reverse polarity, or cable configurations, please consult your sales representative.

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+ (200 kph)
Antenna Radome:	ASA plastic
Weight:	0.5 lbs (0.25 kg)
Mounting:	Fixed double sided tape, Deluxe pole/wall mount kit 6" (152 mm) RG-188,
Termination:	SMA Plug (Male) connector
Shock & Vibration:	EN 61373, IEEE 1478, MIL-810G
Water Ingress:	IPx5

BP7-5725 Antenna

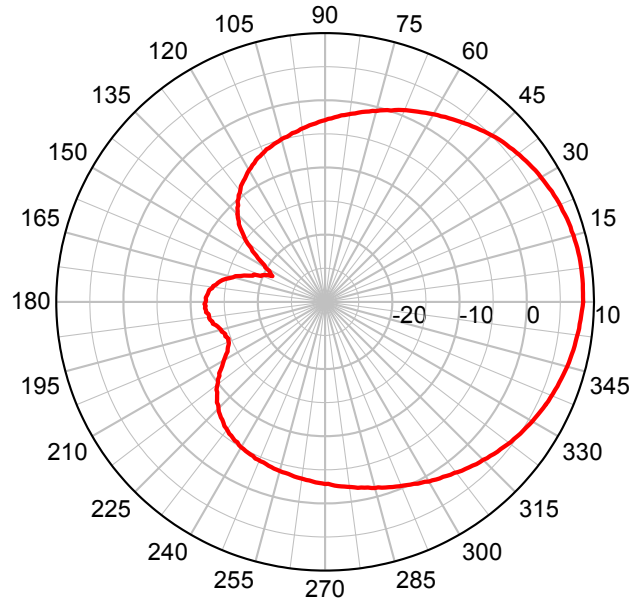
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7 dBi, 5.72 – 5.83 GHz

These plots can be used
for the following models:

BP7-5725

BP7-5725 – Elevation Plot



BP7-5725 – Azimuth Plot

