



Button Patch Antenna

Button Patch Antennas (Pat.Pend.) for 2.4 - 6 GHz

- Small weatherproof radome; perfect for in-building & outdoor coverage
- Models for 802.11 WLAN, 3.5 GHz, and U-NII (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 are perfect for next generation Wireless Local Loop, WLAN and telemetry. They 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. It also is enclosed in a weather-tight polycarbonate 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, and a female SMA. Additional jumpers can be provided. The antennas are usable both indoors & out.

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.

Model Number

Models	Freq	Description
BP5-2400S	2.4-2.49 GHz	5 dBi Button Patch
BP6-3475S	3.4-3.55 GHz	6 dBi Button Patch
BP7-5250S	5.25-5.35 GHz	7 dBi Button Patch
BP7-5725S	5.72-5.83 GHz	7 dBi Button Patch

All antennas supplied with 6" RG-188 and female SMA. For other connectors including reverse polarity, or cable configurations, please consult factory.

Specifications

Frequency:	See above	Front-to-Back ratio:	15 dB
Gain:	See above	Lightning Protection:	external recommended
Bandwidth @ 2.0:1 SWR:	See Freq above	Radome Size:	2 1/2" Diam x 0.75 Depth
Impedance:	50 Ohm nominal	Rated Wind Velocity:	100 mph+
Maximum Power:	50 Watts	Antenna Radome:	Polycarbonate
Beamwidth:		Weight:	0.5 lbs
BP5-2400	85 degrees Az, 65 degrees El	Mounting:	Fixed double sided tape, surface mounting only
BP6-3475	80 degrees Az, 60 degrees El	Termination:	6" RG-188, female SMA
BP7-5250	80 degrees Az, 60 degrees El		
BP7-5725	80 degrees Az, 60 degrees El		

For special configurations, please consult factory.