

800/900 MHz Directional Panel Antenna with Printed Circuit Design



MP8068PT



MPAB3 (left) and MPAB4 (right) Mounts



This 800/900 MHz directional panel antennas utilize a printed circuit design that provides 7.5 dBi gain in a small, low-profile package. The MP8068PT model covers frequencies from 806 MHz to 960 MHz with a VSWR of less than 1.5:1 and no tuning required. Its sturdy UV stable radome withstands extreme environmental conditions, including exposure to UV radiation and extreme humidity.

Features

- PCB design utilized in three models that cover all 800/900 MHz frequencies with no tuning required. Provides best performance-to-price ratio with fewer sku requirements.
- Attractive, low profile housing. Blends well with indoor environments where aesthetic considerations are important.
- Adjustable mounting bracket for wall and corner mounting. Provides maximum installation flexibility.

Antenna Electrical Specifications

Model	Frequency Range	Gain	3 dB Horizontal Beamwidth	3 dB Vertical Beamwidth	Front-to-Back Ratio
MP8068PT*	806-960 MHz	10 dBi	35°	65°	15 dB

Technical Data

Power Input: 50 watts
Polarization: Vertical, linear
Nominal Impedance: 50 ohms
VSWR: < 1.5:1
Radome Material: UV-stable, ASA - ABS
Back Plate Material: Weather resistant aluminum
Cable: 12" (30.5 cm) RG-58/U
Connector Options: (add connector part number after the PT prefix) Example: MP8066PTBN (Model MP8066PT with BNC, male connector) N, female (part #NF) N, male (part #NM)
Mounting Method: Adjustable wall/corner mount

Mechanical Specifications

Model	Dimensions	Weight (Mass)
MP8068PT*	16.4" W x 9" H x 2.7" D (41.6 x 22.9 x 6.9 cm)	2 lbs (0.91 kg)

Temperature Range	Wind Loading (Frontal) @ 100 mph Wind	Wind Survival
-40°C to +52°C	51.2 lbs (23.2 kg)	100 mph

* Please specify connector option when ordering.