



Directional Antenna,
Panel



Panel Mounting
Bracket

700 MHz Directional Panel 694-806 MHz

- Single Band Panel Antenna with pipe mount
- 694-806 MHz, 9 dBi gain
- Easy install; U-bolt connection to pole with OD up to 2.5 inches
- Rugged construction

Mobile Mark now offers a 700 MHz band Panel Antenna. The antenna covers the entire band from 694 – 806 MHz. One antenna is appropriate for any of the specific bands within that range.

The antenna offers 9 dBi gain with vertical polarization and a front-to-back ratio of 15 dB.

Mobile Mark's panel antennas are excellent for point-to-point and point-to-multipoint applications. The antenna features a beamwidth of 62-degrees Azimuth and 62-degrees Elevation.

The PN9-700 is housed in attractive grey colored ABS radomes measuring 10" wide, 10" tall and 2.4" deep (25 cm x 25 cm x 6 cm).

A Heavy Duty Pole mounting bracket is packaged separately and is easily attached to the back of the antenna. The mounting bracket will accommodate pipes of up to 2.5 inches (6 cm) in outside diameter (OD). All mounting hardware is included.

The mounting brackets can accommodate tilt in the elevation axis of up to 20° adjustment in downtilt. Antenna and shipping bracket

together weigh 2.2 lbs (1 kg).

A built-in TNC type (female) connector is located on the back of the antenna.

Jumper cables can be ordered separately. Mobile Mark offers a wide range of custom built jumper cables with a choice of cables and connectors.

Lightning protection is recommended and is also available from Mobile Mark as an accessory.

Model #	Frequency	Gain
PN9-700-GRY	694-806 MHz	9 dBi
Jumper cables are also available, built to order.		

Specifications	
Frequency:	694-806 MHz
Gain:	9 dBi
VSWR:	2:1 max over range
Impedance:	50 Ohm nominal
Maximum power:	50 Watts
Beamwidth:	62° Az, 62°El
Adjustment:	Up to 20° downtilt
Front to Back Ratio:	15 dB or better
Polarization:	Vertical
Case size:	10"W x 10"H x 2.4"D (25 cm x 25 cm x 6 cm)
Case Material:	UV resistant ABS
Color:	Light Grey
Mounting:	Heavy Duty Pole Mounting Kit included, up to 2.5" (6 cm) pole Packaged separately
Connector:	TNC Jack (Female), attached at rear of antenna
Jumper Cables:	Custom jumper cables sold separately
Lightning Protection:	External recommended
Max Wind Velocity:	125 mph (200 kph)
Operating Temp:	-40° to +85° C
Weight:	2.2 lbs (1 kg) with bracket