

LTE Broadband Panel 8 dBi



PN8-700/2100

Mobile Mark's PN8-700/2100 is a LTE Directional Panel Antenna with a single-feed linearly polarized model. It offers 8 dBi gain, and covers 694-690 & 1710-2170 MHz.

The antenna offers 8 dBi gain across the band with a maximum VSWR of 2:1.

Mobile Mark's panel antennas are excellent for deploying point-to-point and point-to-multipoint applications. This antenna is housed in attractive Vacuum Formed radomes. The PN8-700/2100 measures 8" (20.3 cm) wide by 12" (30.5 cm) tall and 5" (12.7cm) in diameter.

Units can be added or removed as network deployments change. All models are supplied with heavy-duty adjustable pole mount brackets which accommodate pipes of up to 2 1/2 (6.4 cm) inches in diameter. The mounting bracket hardware and all bolts are made from stainless steel.

An adjustable tilt pole mounting bracket allows simple alignment. The mount contains a continuous adjustable tilt slot; the antenna can be adjusted up to 24° downtilt. All of the mounting hardware need for pole mounting is provided.

- Compatible with FirstNet & LTE networks
- Single-feed, Linearly Polarized
- Adjustable tilt pole mount, up to 20° downtilt

The antennas are extremely rugged and dependable; and DC grounded external protection is recommended for lightning protection. The PN8 Series antennas are housed in attractive grey vacuum formed plastic.

Single connector on the back of the single-feed model; two connectors on the bottom of the dual-feed model. Because these antennas are light and compact, moderate pole mounting configurations can be used for easy firstnet network deployment.

Compact and easy-to-install; complete mounting hardware provided with the antenna.

Model #	Gain
PN8-700/2100D	8 & 12 dBi
PN8-700/2100N	8 & 12 dBi
Supplied with 1-ft (30.5 cm) RF-195 pigtail cable Jumper cables are also available, built to order.	

Specifications			
Frequency:	694-960/1710-2170 MHz	Dimensions:	12" H x 8"W x 5"D (30 cm x 20 cm x 12.7 cm)
Gain:	8 dBi	Mounting:	Adjustable pole mount, and Stainless steel U Bolts
VSWR Max:	2:1		
Impedance:	50 Ohm nominal	Bracket: Pole mount	24° vertical downtilt adjustment 3 7/8" standoff (9.88 cm)
Max Power:	100 watts		
Beamwidth:	694-960 MHz: 60° EL, 90° AZ 1710-2170 MHz: 30° Az, 90° EI	Connector:	
Lightning Protection:	External recommended	PN8-700/2100D:	7/16 DIN
Max Wind Velocity:	125+ mph (193 kph)	PN8-700/2100N:	"N" Panel Jack
Operating Temp:	-40° to +85° C		
Material:	White vacuum formed plastic		