

LTE Broadband Panel Dual Slant, 8 & 12 dBi

PND-700/2100



- Compatible with FirstNet & LTE networks
- Two-Feed Dual Slant 45°
- Adjustable tilt pole mount, up to 20° downtilt

Mobile Mark's PND-700/2100 is a LTE Directional Panel Antenna with a dual-feed linearly polarized model. It offers 8 & 12 dBi gain, and covers 694-690 & 1710-2170 MHz. The corresponding beamwidths for this antenna ranges from 30° Elevation to 60° Azimuth.

VSWR is rated at 2:1 for both models, allowing for the best power reflection from the antenna.

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 PND-700/2700 measures

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 20° downtilt. All of the mounting hardware need for pole mounting is provided.

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

There are 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
PND-700/2100D	8 & 12 dBi
PND-700/2100N	8 & 12 dBi
Connector options include N female Jack (N), or 7/16 DIN(D) Color: GRY- GREY	

Specifications			
Frequency:	694-960/1710-2170 MHz	Dimensions:	24" H x 8" W (61 cm x 20 cm)
Gain:	8 & 12 dBi	Mounting:	Adjustable pole mount, and Stainless steel U Bolts
VSWR Max:	2:1	Bracket:	20° vertical downtilt adjustment; 3 7/8" standoff (9.88 cm)
Impedance:	50 Ohm nominal	Pole mount	
Max Power:	100 watts	Connector:	7/16 DIN "N" Panel Jack
Beamwidth:		PND-700/2100D:	
694-960 MHz	60° EL, 60° AZ	PND-700/2100N:	
1710-2170 MHz	30° EL, 30° AZ		
Lightning Protection:	External recommended		
Operating Temp:	-40° to +85° C		
Material:	White vacuum formed plastic		