

## Wideband High Gain Panel Antenna

Product Number : PW-HGP-800/2500

### Electrical Specifications :

Frequency Range	800 MHz ~ 2500MHz
Gain 800MHz ~ 960MHz	6dBi
960MHz ~1700MHz	8dBi
1700MHz ~2500MHz	9 dBi
Horizontal 3dB Beamwidth	90°~120°
Vertical 3dB Beamwidth	60°~ 80°
Front to Back Ratio	>10 dB
Polarization	Vertical / Horizontal
Impedance	50 Ω
VSWR	< 1.5
Maximum Input Power	100 W
Connector	N-female with Pigtail
Lightning Protection	Direct Grounding

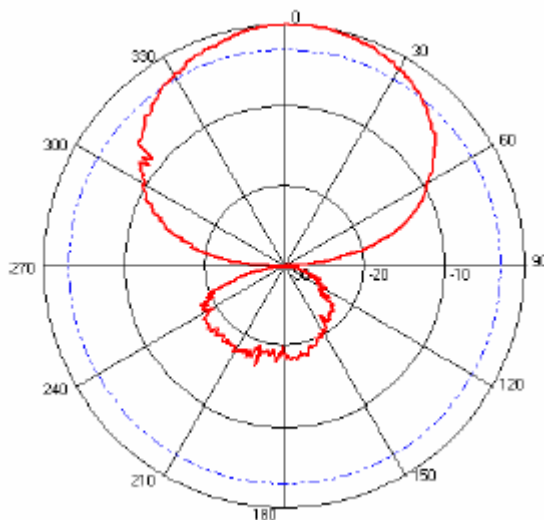


### Mechanical Specifications :

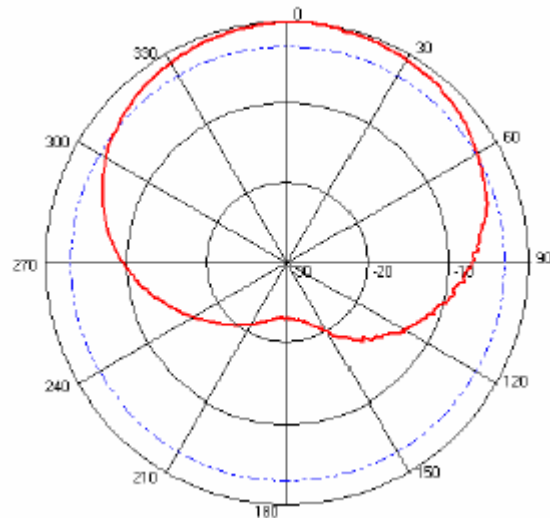
Dimension (LxWxD)	290 x 210 x 65mm
Weight of Antenna	1.0kg
Radome Material	Epoxy Glass

(This antenna is also applicable for instalation at Outdoor Environment )

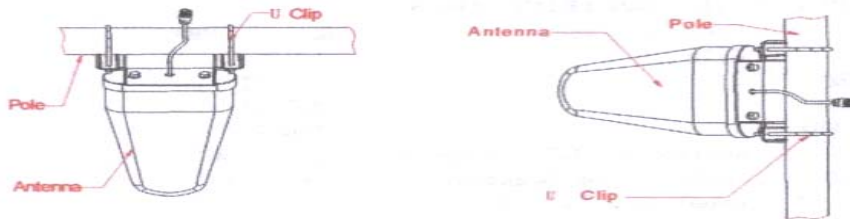
Vertical Polarization Pattern



Horizontal Polarization Pattern

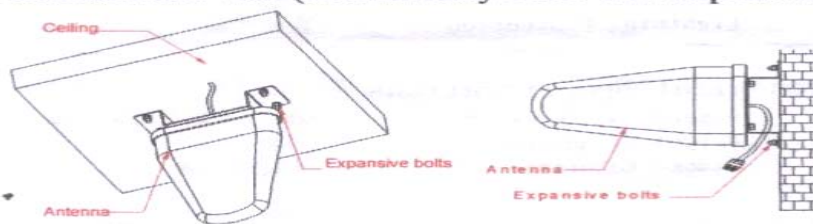


Three common installation methods are described by Figure 1-3.  
 1. Mounted on a pole. (With U type clip set.)



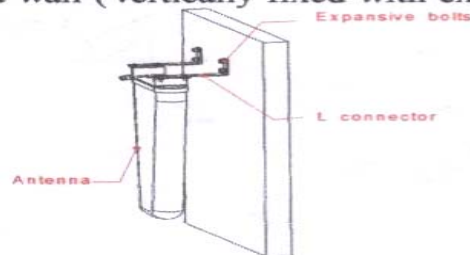
**Fig.1 For pole mounting in lift**

2. Mounted on a wall (Horizontally fixed with expansive bolts).



**Fig.2 For wall mounting in lift room or aisle**

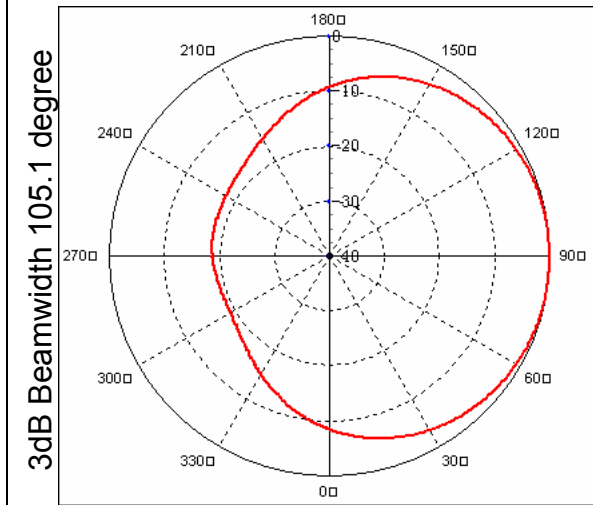
3. Mounted on a wall (Vertically fixed with expansive bolts and L connector)



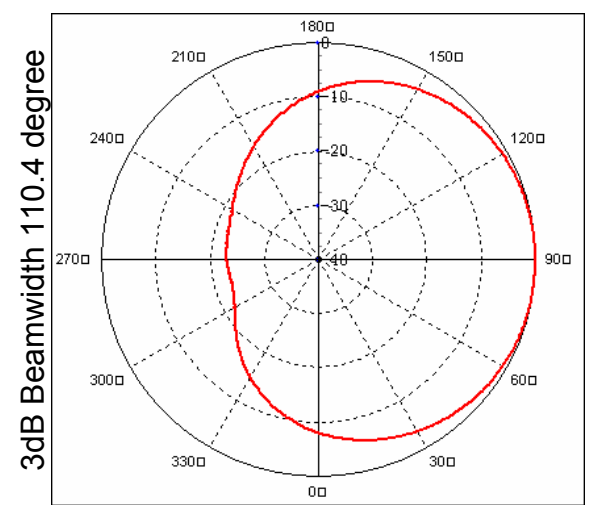
**Fig.3 For wall mounting in lift room**

## Pattern of Panel, PW-HGP-800/2500 H-Plane(Horizontal Plan)

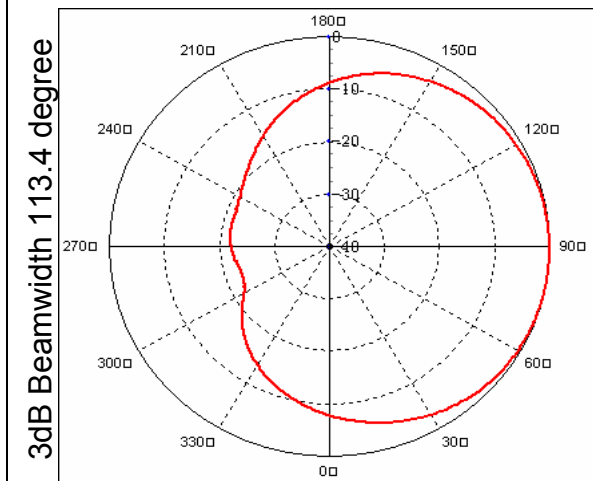
Frequency : 806 MHz – Gain 8 dBi



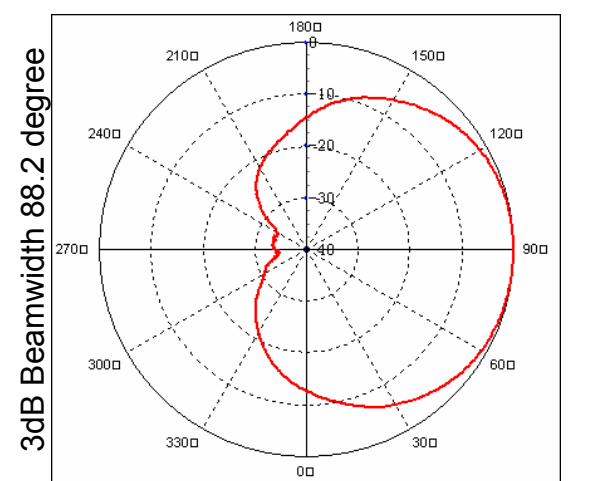
Frequency : 890 MHz – Gain 7.5 dBi



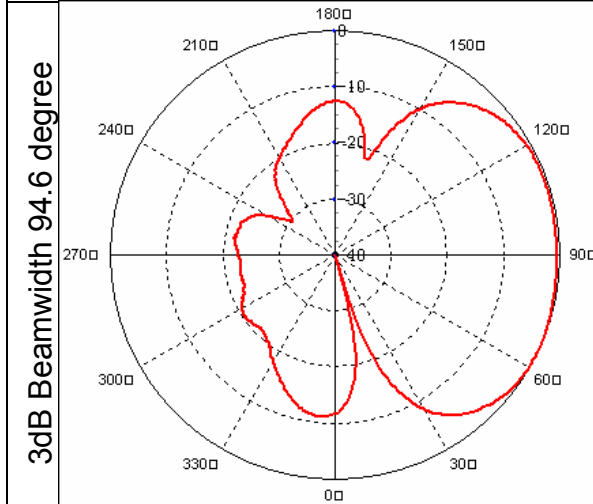
Frequency : 960 MHz – Gain 6.5 dBi



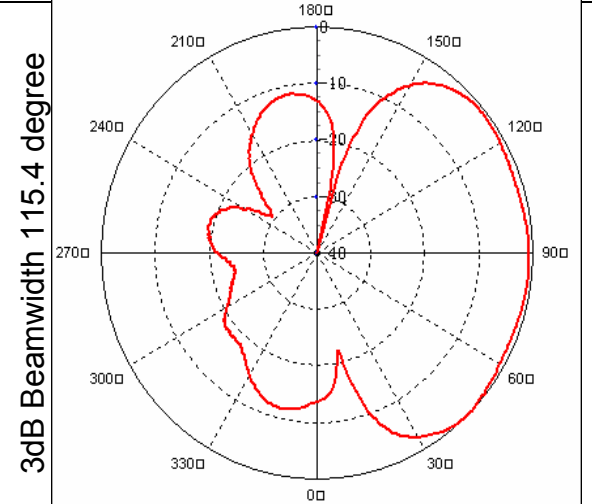
Frequency : 1700 MHz – Gain 9 dBi



Frequency : 2200 MHz – Gain 8.7 dBi



Frequency : 2700 MHz – Gain 7.6 dBi



## Pattern of Panel, PW-HGP-800/2500 E-Plane (Elevation Plan)

