

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

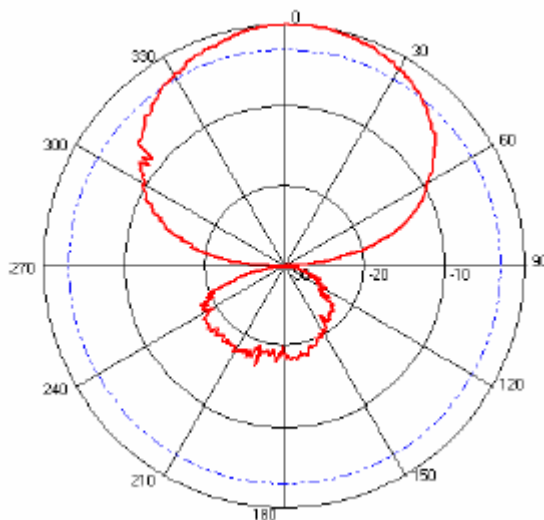


Mechanical Specifications :

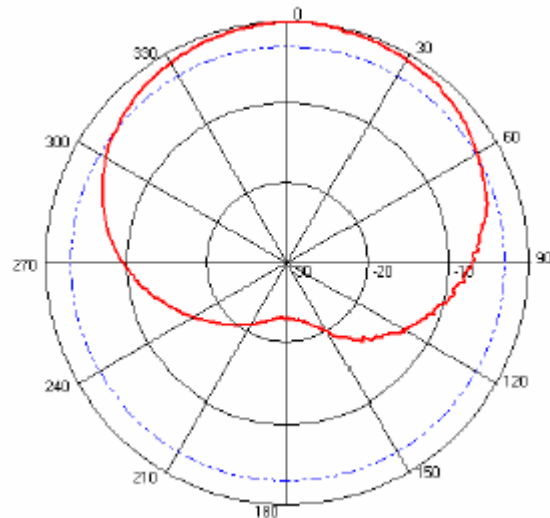
Dimension (LxWxD)	290 x 210 x 65mm
Weight of Antenna	1.0kg
Radome Material	Epoxy Glass

(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.)

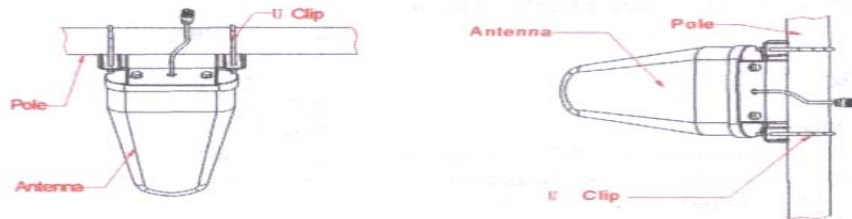


Fig.1 For pole mounting in lift

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

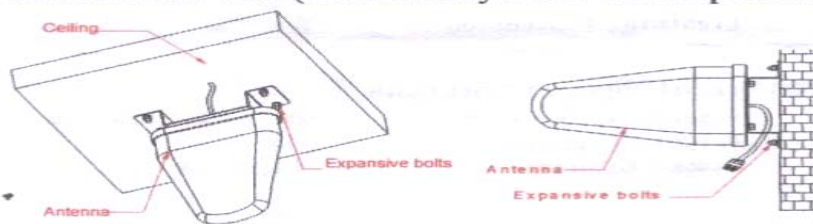


Fig.2 For wall mounting in lift room or aisle

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

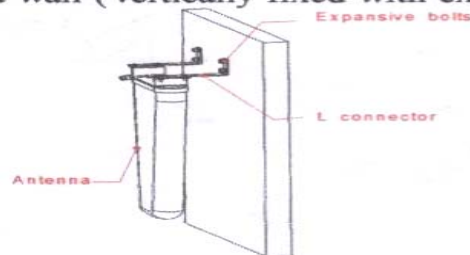
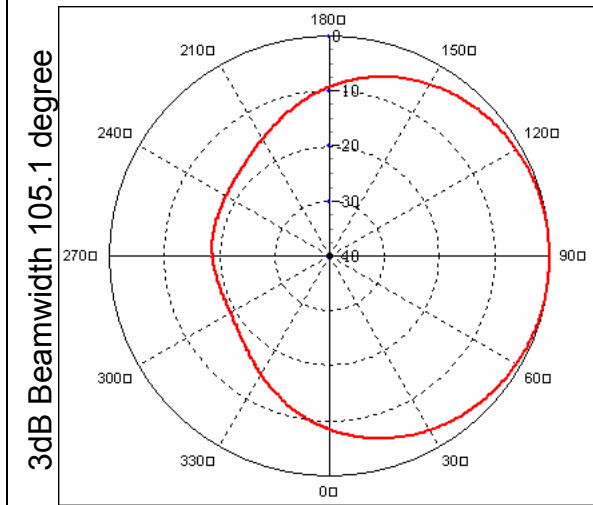


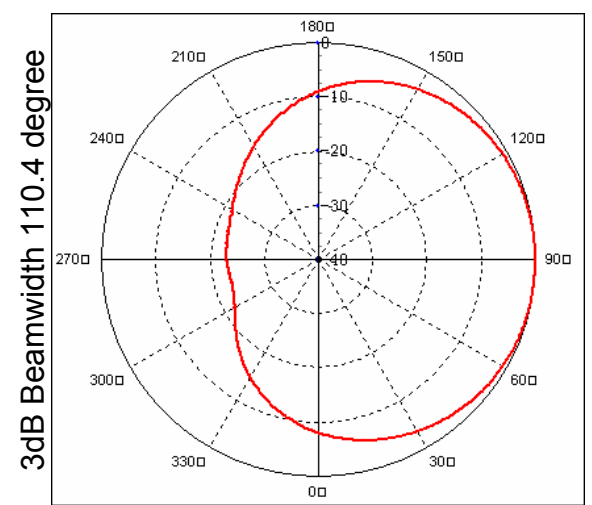
Fig.3 For wall mounting in lift room

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

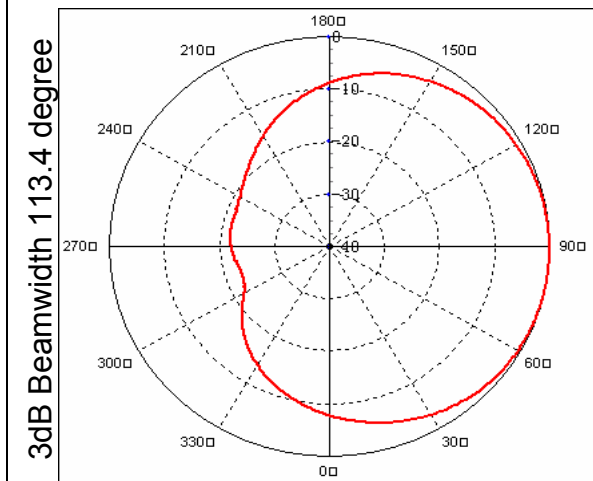
Frequency : 806 MHz – Gain 8 dBi



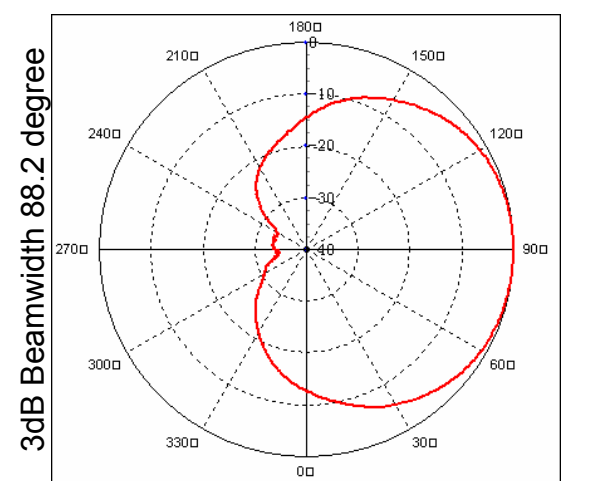
Frequency : 890 MHz – Gain 7.5 dBi



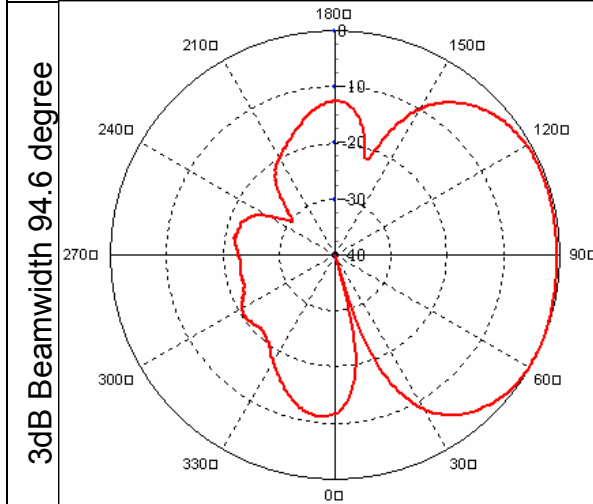
Frequency : 960 MHz – Gain 6.5 dBi



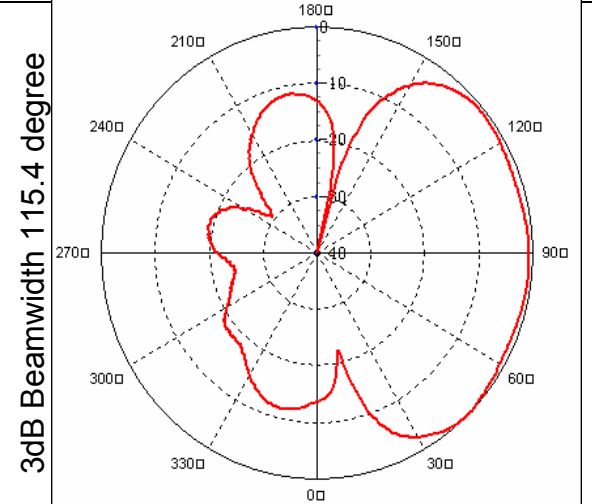
Frequency : 1700 MHz – Gain 9 dBi



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)

