

# PCS Omni Antenna

1750 ~ 1870 MHz / 4 dBi

PCS-ST-04

## i. Electrical Specification

|                     |                 |
|---------------------|-----------------|
| Frequency Range     | 1750 ~ 1870 MHz |
| Polarization        | Vertical        |
| Band Width          | 120 MHz         |
| Gain                | ≥ 4 dBi         |
| Beam Azimuth        | Omni            |
| Beam Elevation      | 8 Type          |
| F-B ratio           | -               |
| IMD (2x30dBm)       | -               |
| VSWR                | ≤ 1 : 1.5       |
| Impedance           | 50 Ω            |
| Maximum input power | 200 W           |

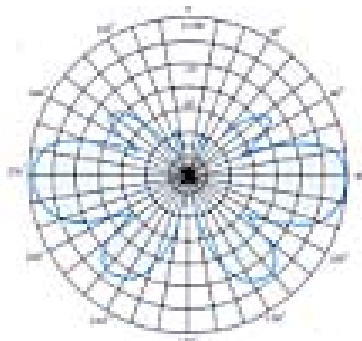


## ii. Mechanical Specification

|                            |                |
|----------------------------|----------------|
| Radom Dimension ( D x H )  | Ø23.5 x 210 mm |
| Weight ( Include bracket ) | ≤ 150 g        |
| Connector Type             | N – Female     |
| Withstand Wind Pressure    | 60 m/sec       |
| Radome Material            | FRP            |
| Radome Color               | White          |
| Temperature                | -40 °C ~ 70 °C |
| Packing Size ( H x W x D ) | -              |
| Packing Weight             | -              |



## iii. Radiation Pattern



Vertical Pattern