

Indoor Right Hand Circularly Polarized Patch Antenna for mounting on Wall or Ceiling

DESCRIPTION

- Low profile antenna for the GPS band.
- PCPI GPS is a Right Hand Circularly Polarized patch antenna for indoor use.
- Circularly polarized antenna is chosen to avoid out-of-phase signals.
- Specially designed for closed rooms.
- Covers the GPS frequency 1575 MHz with a radiation of approx. 5 dBic 3 dBd.
- Full size 2 λ circular patch antenna.
- The antenna is carefully sealed with a discreet white cover.
- The connector is placed at one side to enable mounting close to a wall or a ceiling.

SPECIFICATIONS

Electrical	
Model	PCPI GPS
Frequency	1575 MHz
Antenna Type	Right hand circularly polarized antenna
3 dB Beamwidth, H-Plane	70 °
Polarisation	Circular
3 dB Beamwidth, E-Plane	70 °
Impedance	50 Ω
Gain	5 dBic (3 dBd)
Maximum Input Power	50 W

Mechanical	
Connection(s)	N(f)
Materials	Cover: PS Chassis: Aluminium
Colour	Marine white
Dimensions	Approx. 104 x 104 x 40 mm
Weight	0.4 kg / 0.88 lb
Mounting	For mounting on wall or ceiling 4.5mm x 10 mm (4 holes)

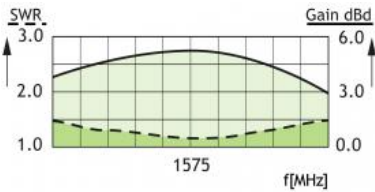
ORDERING

Type	Product No.
PCPI GPS	102000001



DIAGRAM

TYPICAL GAIN AND SWR CURVES

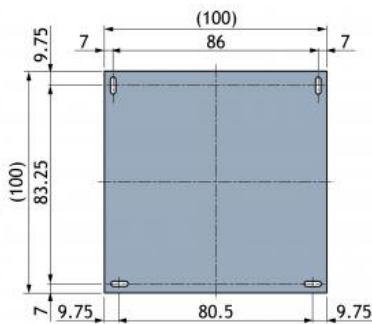


TYPICAL RADIATION PATTERN (E-PLANE)



This curve shows the radiation patterns in the vertical plane.

TYPICAL RADIATION PATTERN (H-PLANE) MOUNTING DETAILS (Dimensions excl. cover)



This curve shows the radiation patterns in the horizontal plane (horizontal coverage).