

PCPI 900/RHCP

Indoor Right Hand Circular Polarised Patch Antenna for mounting on Wall or Ceiling

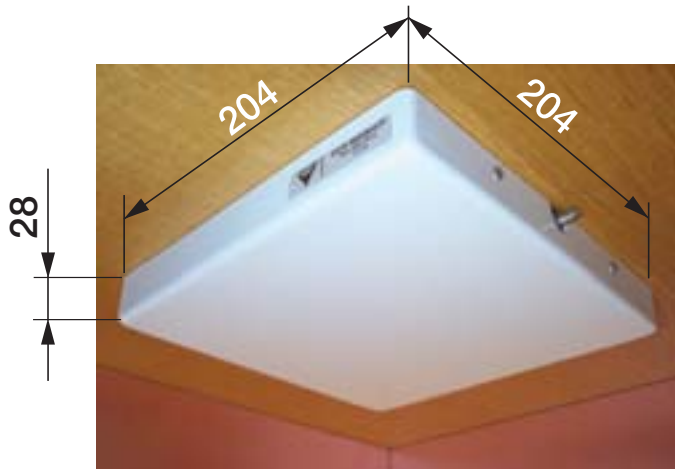


DESCRIPTION:

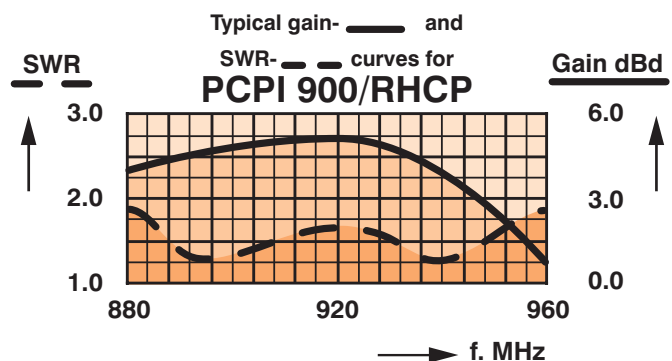
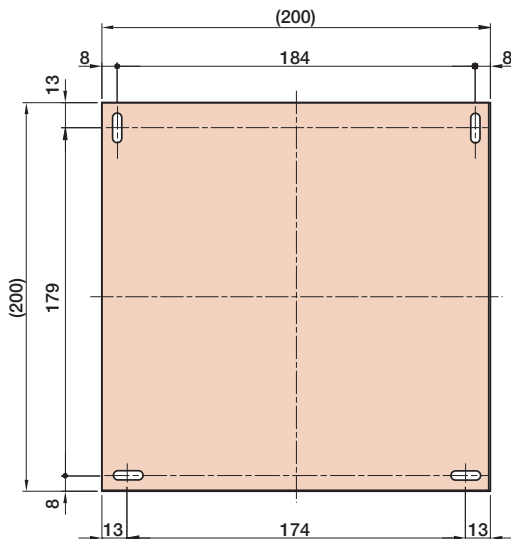
- ★ Low profile antenna for the 900 MHz Band.
- ★ PCPI 900/RHCP is a **R**ight **H**and **C**ircular **P**olarised patch antenna for indoor use.
- ★ Circular polarisation is chosen to avoid out-of-phase signals.
- ★ Specially designed for closed rooms.
- ★ Covers approx. 80 MHz with a radiation of approx. 5 dBic 3 dBd.
- ★ Full size 2λ 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 900/RHCP
ANTENNA TYPE	Right Hand Circular Polarised patch antenna
FREQUENCY	880-960 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Circular
GAIN	Approx. 5 dBic 3 dBd ± 2 dB
BAND WIDTH	≥ 80 MHz @ SWR ≤ 2.0
HALF-POWER BEAMWIDTH	Approx. 80° (H- and E-plane)
SWR	≤ 1.5 f.res.
MAX. POWER	50 watts
MECHANICAL	
CONNECTOR	SMA-female
COLOUR	Marine white
MATERIALS	Cover: ABS Chassis: Aluminium
SIZE (L x W)	Approx. 204x204 mm
HEIGHT	Approx. 28 mm
WEIGHT	Approx. 0.4 kg
MOUNTING	For mounting on wall or ceiling $\phi 4.5 \times 20$ mm (4 holes)



MOUNTING DETAILS:

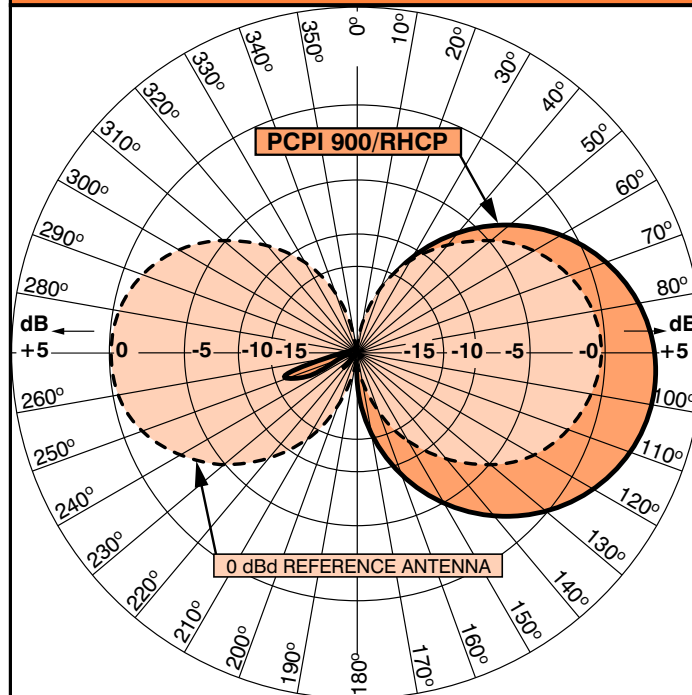


PCPI 900/RHCP

Indoor Right Hand Circular Polarised
Patch Antenna for mounting on Wall or Ceiling

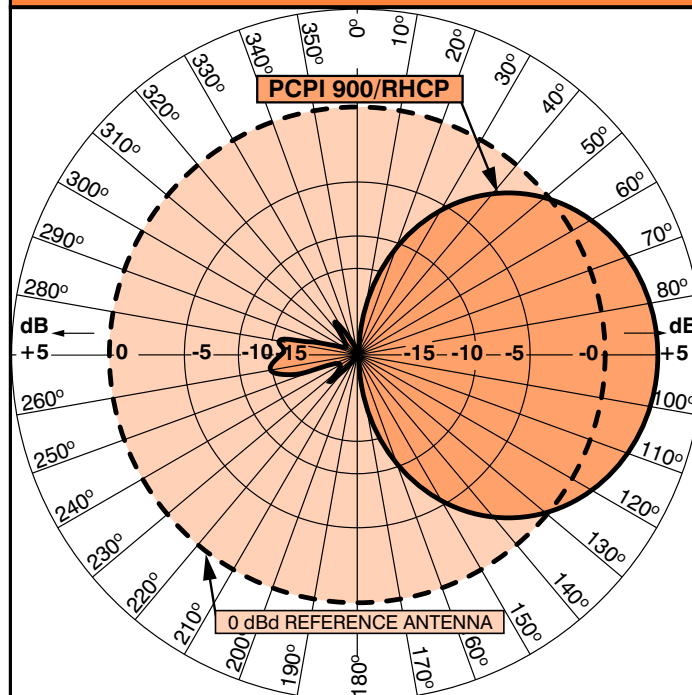


TYPICAL RADIATION PATTERN (E-PLANE)



This curve shows the radiation patterns in the vertical plane.

TYPICAL RADIATION PATTERN (H-PLANE)



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