

# PCPI 70/xHCP/...

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

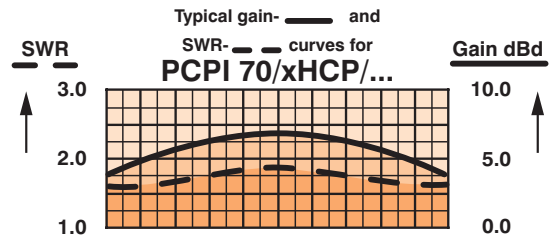


## DESCRIPTION:

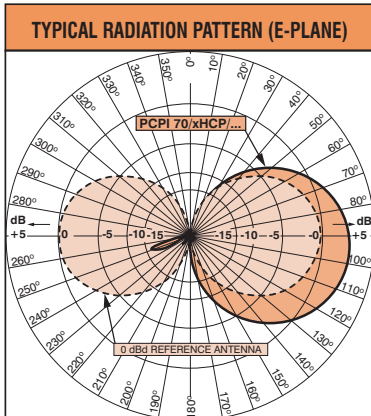
- ★ PCPI 70/xHCP/... is a Left or Right Hand Circular Polarised patch antenna for indoor use.
- ★ Circular polarisation is chosen to avoid out-of-phase signals.
- ★ Specially designed for closed rooms.
- ★ Covers approx. 20 MHz with a radiation of approx. 5 dBi ± 3 dBd.
- ★ Full size 1/2 λ circular patch antennas.
- ★ The antennas are 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:

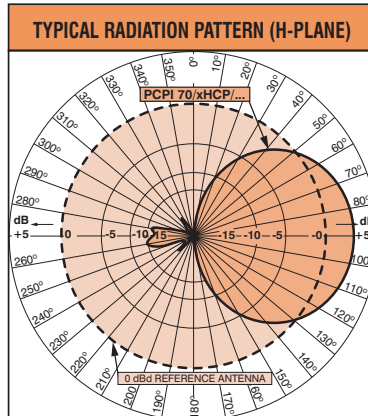
ELECTRICAL	
MODEL	PCPI 70/xHCP/...
ANTENNA TYPE	Left or Right Hand Circular Polarised patch antenna
FREQUENCY	Approx. 20 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Circular
GAIN	Approx. 5 dBi ± 3 dBd E2 dB
BANDWIDTH	≥ 20 MHz at SWR ≤ 1.8
HALF-POWER BEAMWIDTH	Approx. 80° (H- and E-plane)
SWR	≤ 1.5 f.res.
MAX. POWER	100 watt
MECHANICAL	
CONNECTOR	N-female
COLOUR	Marine white
MATERIALS	Cover: ABS Chassis: Aluminium
SIZE (L x W)	Approx. 415x415 mm
HEIGHT	Approx. 25 mm
WEIGHT	Approx. 1.8 kg
MOUNTING	For mounting on wall or ceiling ø4.5x20 mm (4 holes)



PCPI 70/xHCP/s :	380	390	400
PCPI 70/xHCP/f :	410	420	430
PCPI 70/xHCP/l :	430	440	450
PCPI 70/xHCP/h :	450	460	470



If the antennas are mounted for vertical polarisation this curve shows the radiation patterns in the vertical plane.



If the antennas are mounted for vertical polarisation this curve shows the radiation patterns in the horizontal plane (horizontal coverage).

## ORDERING DESIGNATIONS

TYPE NO.	FREQUENCY
PCPI 70/LHCP/s	380-406 MHz
PCPI 70/LHCP/f	410-430 MHz
PCPI 70/LHCP/l	430-450 MHz
PCPI 70/LHCP/h	450-470 MHz

## ORDERING DESIGNATIONS

TYPE NO.	FREQUENCY
PCPI 70/RHCP/s	380-406 MHz
PCPI 70/RHCP/f	410-430 MHz
PCPI 70/RHCP/l	430-450 MHz
PCPI 70/RHCP/h	450-470 MHz

PROCOM A/S reserve the right to amend specifications without prior notice.