

PCPO xH/TETRA

Outdoor Left or Right Hand Circularly Polarized Patch Antennas for mounting on Wall

DESCRIPTION

- Low-profile antenna for the 380 - 430 MHz band.
- PCPO xH/TETRA is a Left or Right Hand Circularly Polarized patch antenna for outdoor use.
- Circular polarization is chosen to avoid out-of-phase signals.
- Reduces flutter considerably.
- Covers approx. 50 MHz with a radiation of approx. 7 dBic.
- The antennas are carefully sealed with a discreet cover.
- The connector is placed at one side to enable mounting close to a wall.
- Including mounting bracket.



ORDERING DESIGNATIONS

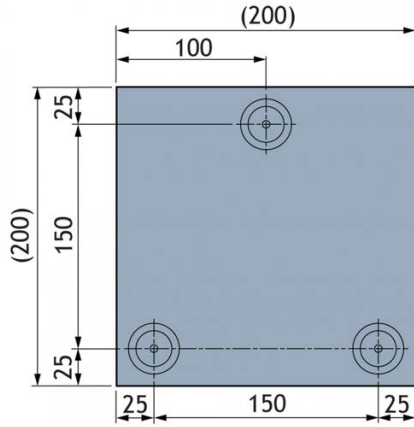
TYPE	PRODUCT NO.
PCPO RH/TETRA	100000428
PCPO LH/TETRA	100000427

SPECIFICATIONS

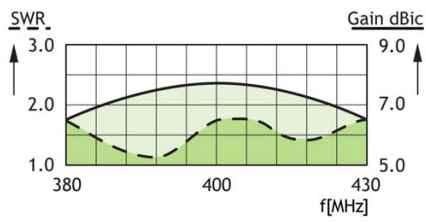
ELECTRICAL	
MODEL	PCPO xH/TETRA
ANTENNA TYPE	Left or right hand circularly polarized patch antenna
FREQUENCY	380 - 430 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Circular
GAIN	Approx. 7 dBic
BANDWIDTH	≥ 50 MHz @ SWR ≤ 2
HALF POWER BEAMWIDTH	Approx. 80° (H- and E-plane)
SWR	≤ 1.2 f.res.
MAX. POWER	100 W
MECHANICAL	
CONNECTOR	N-female
COLOUR	Marine white
MATERIALS	Cover: ABS (white) Chassis: Aluminium
SIZE (L x W x H)	Approx. 340 x 340 x 60 mm
WEIGHT	Approx. 2.3 kg
MOUNTING	For mounting on wall $\varnothing 5$ mm (three holes) (see mounting details)

MOUNTING DETAILS

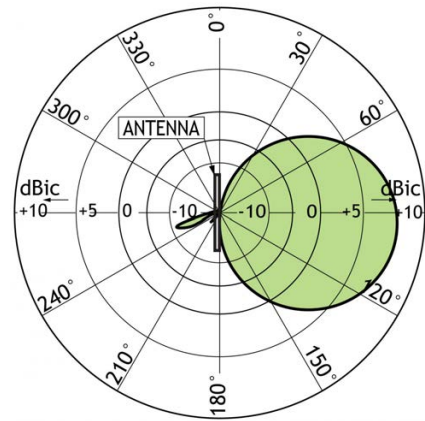
(Dimensions excl. cover)



TYPICAL GAIN AND SWR CURVES

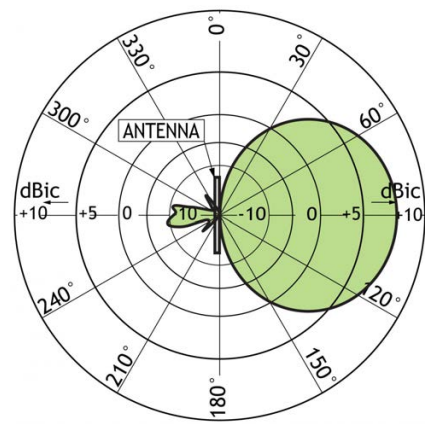


TYPICAL RADIATION PATTERN (E-PLANE)



This curve shows the radiation patterns in the vertical plane.

TYPICAL RADIATION PATTERN (H-PLANE)



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



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

20/12/11