

# PLPO/TETRA

Outdoor Linearly Polarized Patch Antennas for mounting on Wall

## DESCRIPTION

- Low-profile antenna for the 380 - 430 MHz band.
- PLPO/TETRA is a patch antenna for outdoor use.
- Covers 50 MHz with a radiation of approx. 7 dBi.
- The antenna is 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

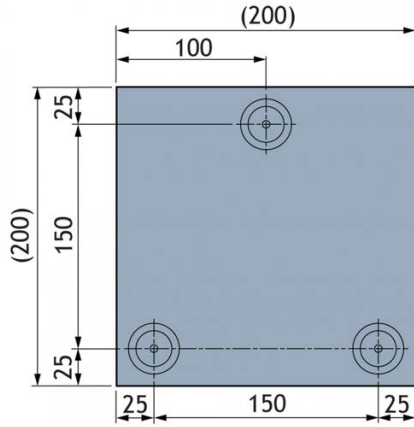
TYPE	PRODUCT NO.
PLPO/TETRA	100000424

## SPECIFICATIONS

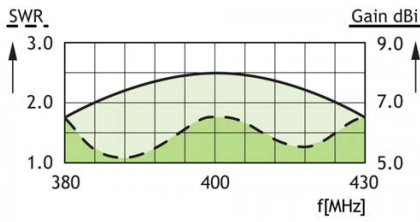
ELECTRICAL	
MODEL	PLPO/TETRA
ANTENNA TYPE	Linearly polarized patch antenna
FREQUENCY	380 - 430 MHz
IMPEDANCE	Nom. 50 $\Omega$
POLARIZATION	Linear
GAIN	Approx. 7 dBi
BANDWIDTH	$\geq 50$ MHz @ SWR $\leq 2$
HALF POWER BEAMWIDTH	Approx. 80° (H- and E-plane)
SWR	$\leq 1.2$ f.res.
MAX. POWER	100 W
MECHANICAL	
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

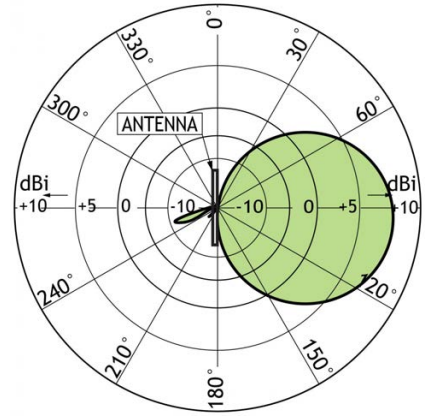
(Dimensions excl. cover)



TYPICAL GAIN AND SWR CURVES

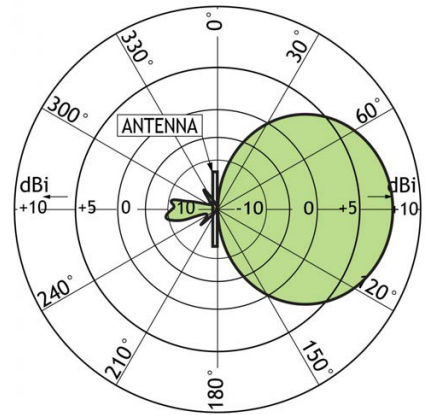


TYPICAL RADIATION PATTERN (E-PLANE)



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.  
24/01/12