

XCPI 160/RHCP

Indoor Right Hand Circular Polarised Antenna for the 160 MHz Band



DESCRIPTION:

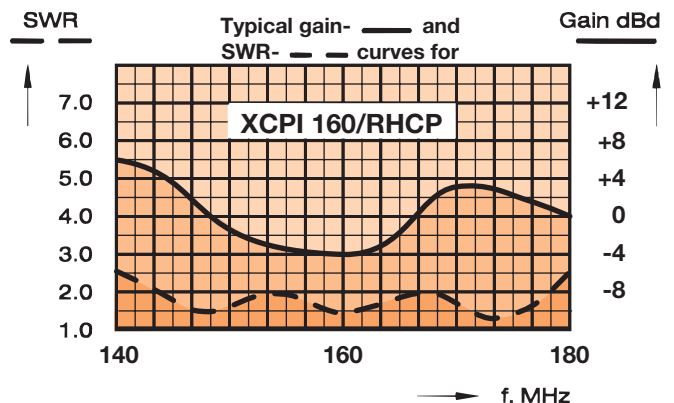
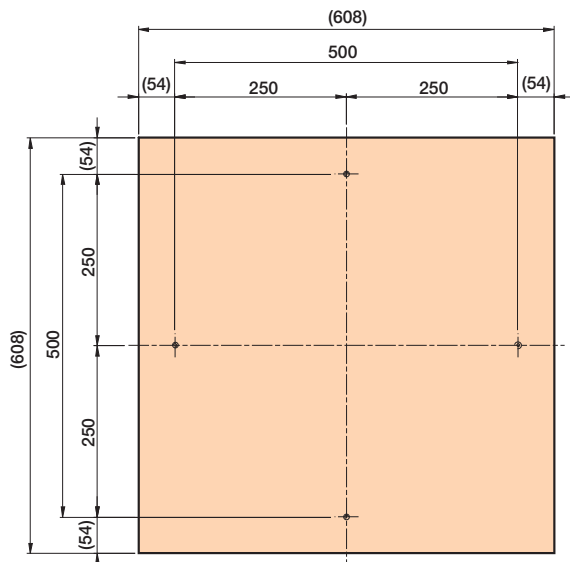
- ★ Low profile antenna for the 160 MHz band.
- ★ XCPI 160/RHCP is a Right Hand Circular Polarised antenna for indoor use e.g. ceilings and walls inside ships and houses.
- ★ Circular polarisation is chosen to avoid out-of-phase signals.
- ★ Reduces flutter considerably.
- ★ Specially designed for closed rooms.
- ★ Covers 144-175 MHz with a radiation of approx. 2 dBic 0 dBd.
- ★ The antenna is carefully sealed with a discreet cover.
- ★ The connector is placed at one side to enable mounting close to a wall or a ceiling.

SPECIFICATIONS:

ELECTRICAL	
MODEL	XCPI 160/RHCP
ANTENNA TYPE	Right hand circular polarised single band antenna
FREQUENCY	144-175 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Circular (Right hand)
GAIN	Approx. 2 dBic 0 dBd ± 3 dB
BAND WIDTH	≥ 31 MHz @ SWR ≤ 2
HALF-POWER BEAMWIDTH	Approx. 60° (H- and E-plane)
SWR	≤ 1.5 f.res.
MAX. POWER	50 watts
MECHANICAL	
CONNECTOR	N-female
COLOUR	Marine white
MATERIALS	Cover: PS (white) Chassis: Stainless steel
SIZE (L x W)	Approx. 608 x 608 mm
HEIGHT	Approx. 90 mm
WEIGHT	Approx. 5.5 kg
MOUNTING	ø 5.5 mm (4 holes) For optimum performance a groundplane of 1 x 1 m is required



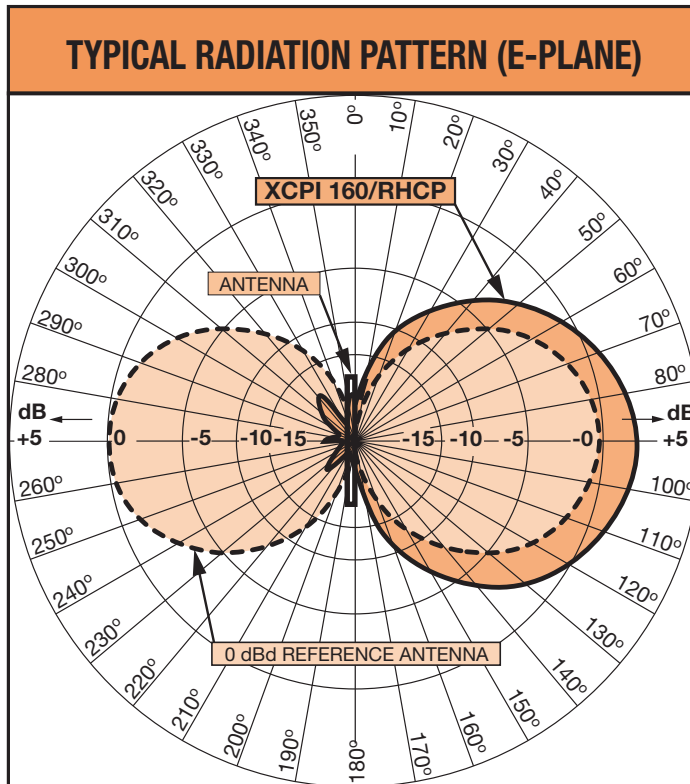
MOUNTING DETAILS:



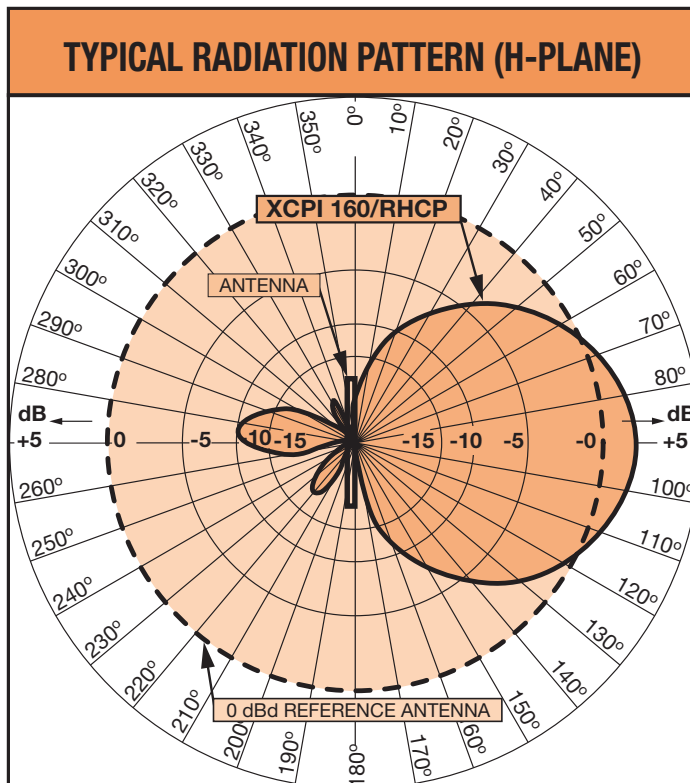
PROCOM A/S reserve the right to amend specifications without prior notice.

XCP1 160/RHCP

Indoor Right Hand Circular Polarised Antenna
for the 160 MHz Band



This curve shows the radiation patterns in the vertical plane.



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