

Indoor Right Hand Circular Polarized Antenna for the 160 Mhz Band

BESCHREIBUNG

- Low profile antenna for the 160 MHz band.
- XCPI 160/RHCP is a Right Hand Circularly Polarized antenna for indoor use e.g. ceilings and walls inside ships and houses.
- Circularly polarization 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.
- 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.



SPEZIFIKATIONEN

Elektrisch DE	
Modell	XCPI 160/RHCP
Frequenz	144 - 175 MHz
Antennentyp	Right hand circularly polarized antenna
Max. Eingangsleistung	50 W
Polarisation	Zirkular
Öffnungswinkel 3 dB, vertikal	60 °
Öffnungswinkel 3 dB, horizontal	60 °
Impedanz	50 Ω
Gewinn	2 dBic (0 dBd)
In iBwave	Ja

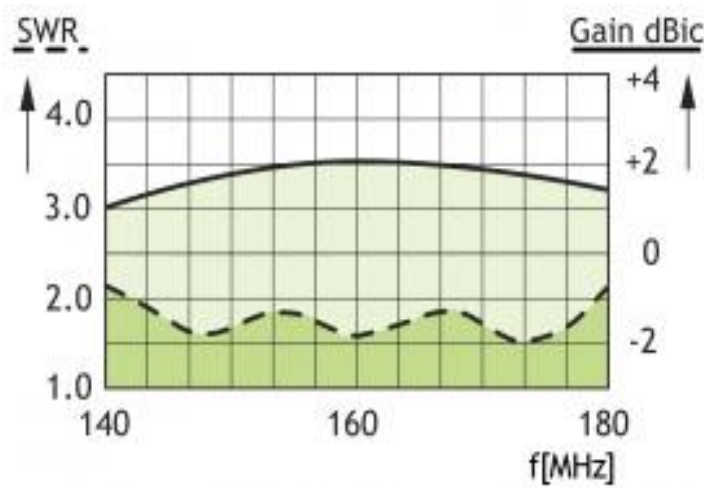
Mechanisch DE	
Anschlusstyp	N(f)
Materialien	Cover : PS (white) Chassis : Stainless steel
Farbe	Marineweiß
Abmessungen	ca. 608 x 608 x 90 mm
Gewicht	ca. 5.5 kg
Montage	5.5 mm dia. (4 holes) For optimum performance a groundplane of 1 x 1 m is required

Umwelt	
Betriebstemperaturbereich	-30 °C to +75 °C

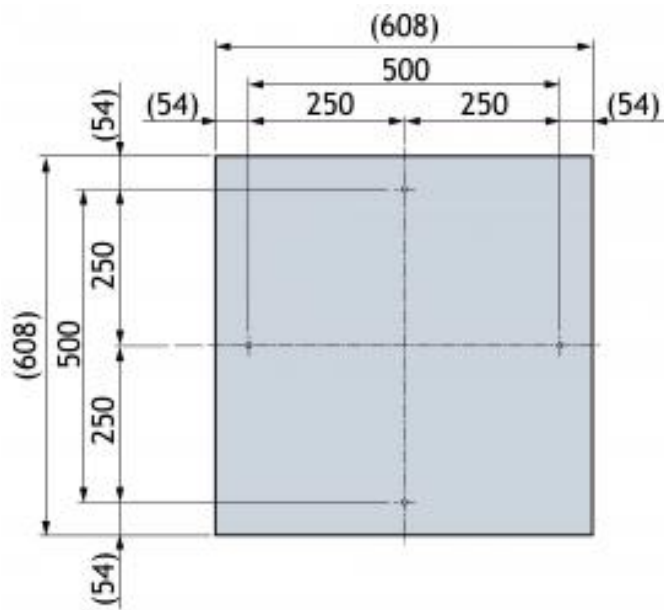
BESTELLUNG

Modell	Produkt Nr
XCPI 160/RHCP	100000154

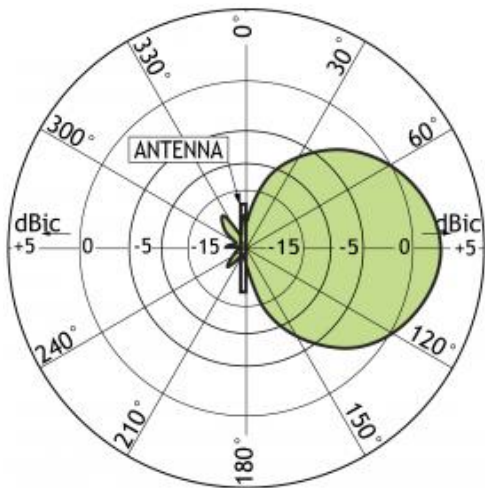
TYPICAL GAIN AND SWR CURVES



MOUNTING DETAILS (DIMENSIONS EXCL. COVER)

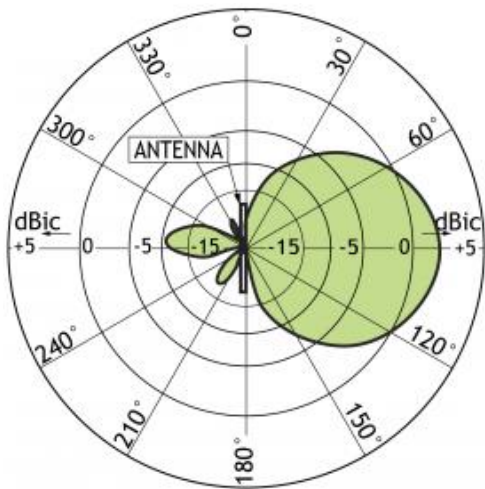


TYPICAL RADIATION PATTERN (E-PLANE)



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).