

PCPI TETRA/LTE 800/RH

Indoor Right Hand Circularly Polarized Antenna for the TETRA and LTE Bands

Beschreibung

- Dual-band low-profile antenna for indoor use.
- Right hand circularly polarized, 7 dBiC (5 dBi in each E- and H-plane) antenna specially designed for closed rooms. For use e.g. on ceilings and walls inside ships and buildings.
- Circular polarization is chosen to improve link quality.
- Built-in diplexers with low insertion loss make it possible to have only one connector.



BESTELLUNG

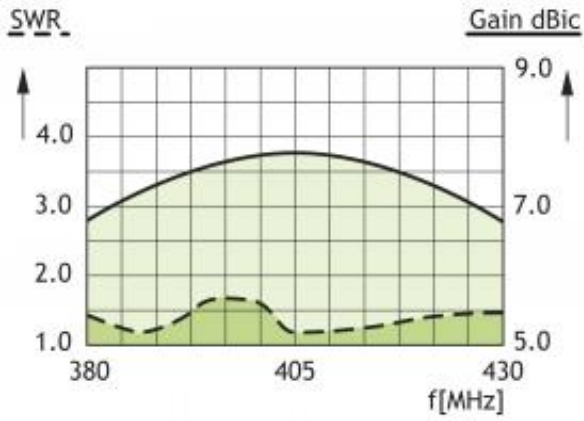
Modell	Produkt Nr
PCPI TETRA/LTE 800/RH	100000522

SPEZIFIKATIONEN

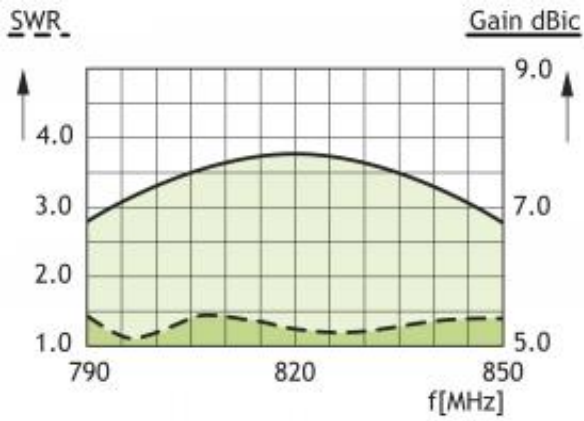
Elektrisch DE	
Modell	PCPI TETRA/LTE 800/RH
Frequenz	TETRA: 380 - 430 MHz LTE: 790 - 850 MHz
Antennentyp	Right hand circularly polarized antenna
Max. Eingangsleistung	35 W
Polarisation	Zirkular
Öffnungswinkel 3 dB, vertikal	60 °
Öffnungswinkel 3 dB, horizontal	60 °
Impedanz	50 Ω
Gewinn	7 dBic (5 dBi)
VSWR	< 2.0:1
In iBwave	Ja
Mechanisch DE	
Anschlussstyp	N(f)
Materialien	Cover: PS (white) Chassis: Aluminium
Farbe	Marine white
Abmessungen	ca. 415 x 415 x 70 mm
Gewicht	ca. 1.9 kg
Montage	4.5 mm dia. (4 holes)
Umwelt	
Betriebstemperaturbereich	-30 °C to +75 °C

DIAGRAM

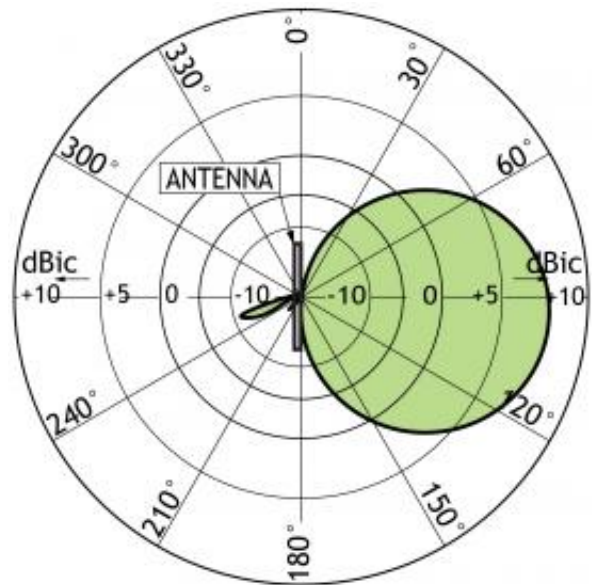
TYPICAL GAIN AND SWR CURVES



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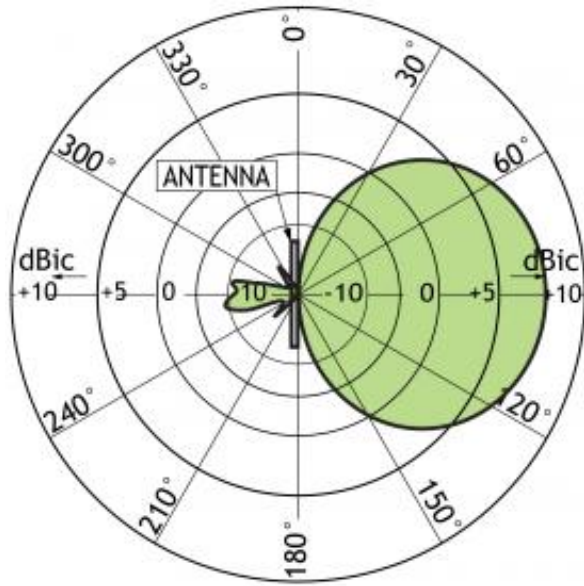


TYPICAL RADIATION PATTERN (E-PLANE)

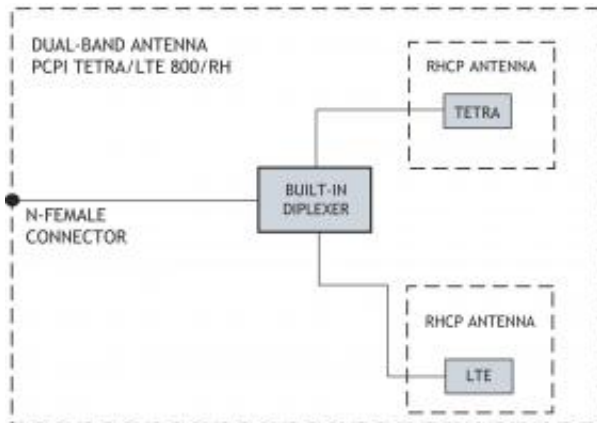


This curve shows the radiation patterns in the vertical plane.

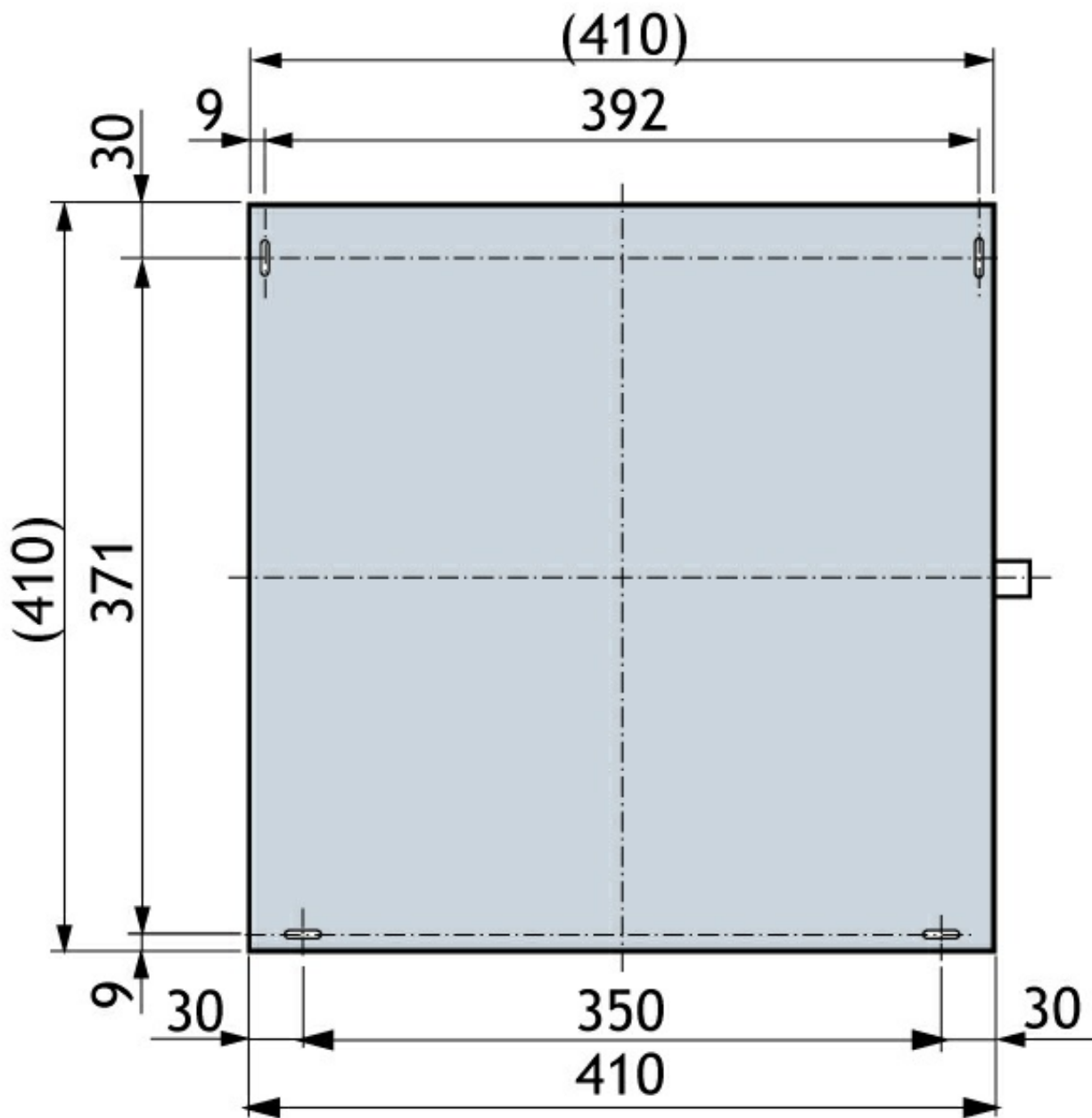
TYPICAL RADIATION PATTERN (H-PLANE)



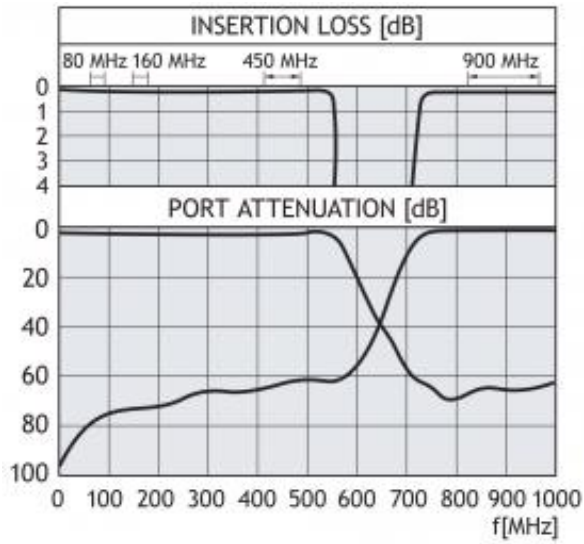
MOUNTING & PATTERN



MOUNTING DETAILS (DIMENSIONS EXCL. COVER)



BUILT-IN DIPLEXER



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

