

XPol Omni Antenna

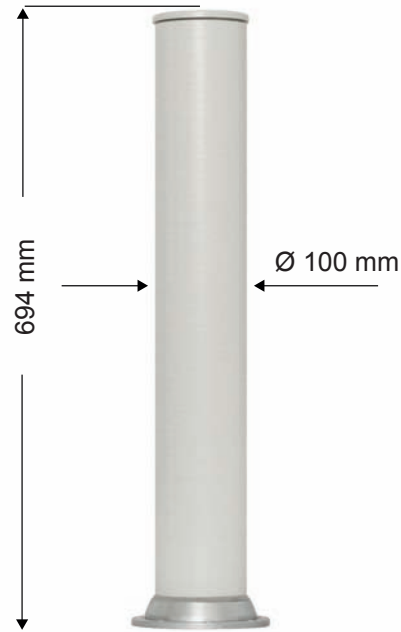
XPol

Now available!

Kathrein are pleased to announce the introduction of a highly innovative and ground breaking XPol Omni Slimpole Antenna (Type no. 800 10 126).

Due to the cutting edge technology deployed within this antenna, Kathrein have been able to achieve a low size and high level of electrical performance which were previously unattainable.

This antenna once more confirms Kathrein's position in the antenna industry: one step ahead!

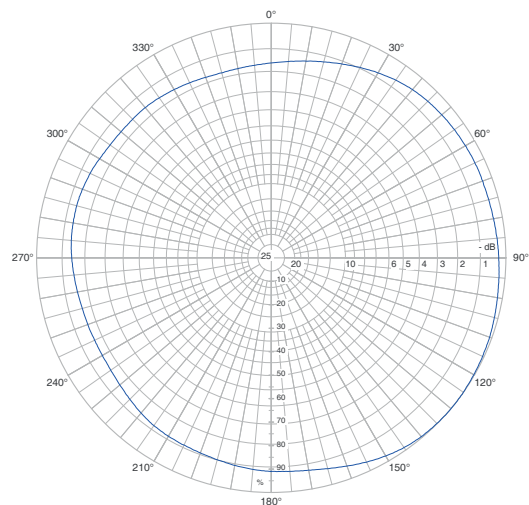


Application

The antenna is equipped with our highly acclaimed XPol technology known the world over and serves an ultra-broad bandwidth from 1710 - 2690 MHz. This outstanding omni antenna enables operators to meet the highest standards in small cell roll outs especially by offering 2 x 2 MIMO. The increasing demands for broadband coverage and high data transfer rates can be fulfilled with a single omni antenna. Optimal coverage for critical sites in terms of visual impact is achieved due to the unobtrusive design.

Specifications

- ▶ Ultra-broadband design 1710 - 2690 MHz
- ▶ XPol technology for 2 x 2 MIMO
- ▶ 5 dBi gain (average value, ref. $\lambda/2$ dipole)
- ▶ VSWR <1.5
- ▶ 30 dB isolation
- ▶ Low weight and radome only 100 mm in diameter
- ▶ Deviation from circularity only max. +/- 1.5 dB



Horizontal Pattern +45°/45° Polarization

Customer Information