

STAMPFL X ONE ACTIVE DIPOLE

90 kHz - 150 MHz

Optimized for high reception
performance with a small size

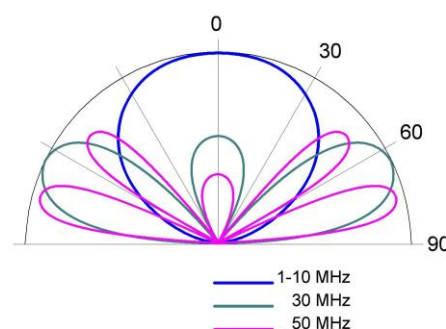
Features

- Wide frequency range
- High immunity to nonlinear distortion
- High irradiance with strong RF fields
- Compact dimensions
- Excellent common-mode rejection
- Attachment to poles 0 40 - 60 mm
- Internal FM Lock (2 Jumpers)

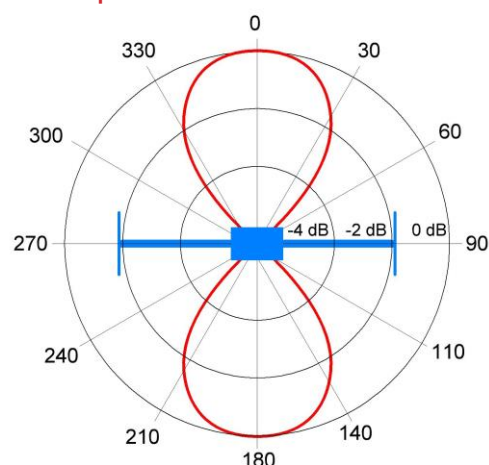
Specifications

Band:	90 kHz to 150 MHz
Polarization:	Horizontal
Power supply:	12 - 14 Volt / 270 mA
RF Connector:	N incl. BNC adapter
Long:	0.8 m
Weight:	900 g

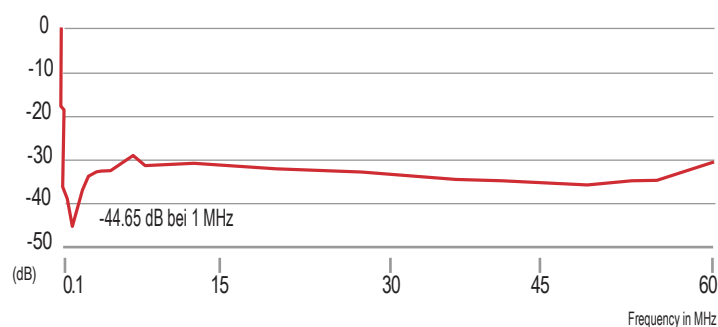
Horizontal diagram



Polar pattern



Common Mode Suppression Ø - 60 MHz



Assembly and operation

1. M5 nuts must be removed.
2. Dipole elements, if not already available, insert two O-rings.
3. Clamp the dipole elements in a vice and tighten them firmly with the hexagon socket.
4. Caution! Care must be taken to ensure that the connecting wires do not rotate and tear off when tightening.
5. Provisionally wire the X ONE to the antenna cable and the DC crossover.
6. Apply voltage: minimum 12 volts, maximum 14 volts DC.
7. Both LEDs must be lit (DC crossover and amplifier board). The power consumption is around 270 mA.
8. Screw the plastic lid tightly.
9. Install the mast clamp.
10. Assemble the end capacities.
11. The antenna is ready for use.

Circuit diagram

X ONE Aktiver Dipol 90 kHz - 150 MHz

