

Omnidirectional Off-set Antenna Vertical Polarization

68–87.5

V

KATHREIN
Antennen · Electronic

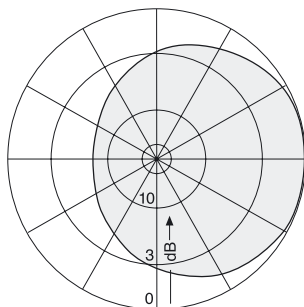
VPol Omni 68–87.5 360° 2dB

Type No.	K552841
Frequency range	68 – 87.5 MHz
Polarization	Vertical
Radiation pattern	Preferred direction: mast to radiator.
Gain (ref. $1/2$ dipole)	2 dB
Impedance	50
VSWR	< 1.5
Max. power	230 W (at 50 °C ambient temperature)

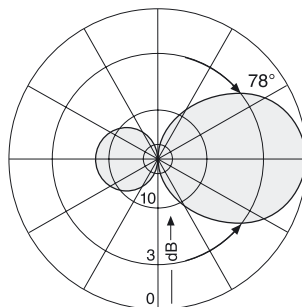
- Material:** Hot-dip galvanized steel.
Radome: Fiberglass.
All screws and nuts: Stainless steel.
- Mounting:** On masts from 60 – 115 mm diameter, clamps supplied.
- Grounding:** All metal parts of the antenna including the mounting kit are DC grounded.
The inner conductor is coupled capacitively.



Omnidirectional
27 – 87.5 MHz



Horizontal Pattern



Vertical Pattern

Mechanical specifications	
Input	N female
Weight	9 kg
Wind load	165 N (at 150 km/h)
Max. wind velocity	200 km/h
Mast diameter	60 – 115 mm
Packing size	1800 x 948 x 107 mm
Dipole length	approx. 1750 mm
Distance dipole / mast	approx. 870 mm