

Directional Antenna Polarization

146–174

H or V

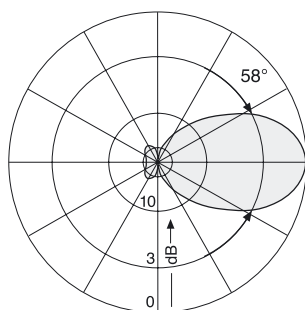
KATHREIN
Antennen · Electronic

Directional
146 – 174 MHz

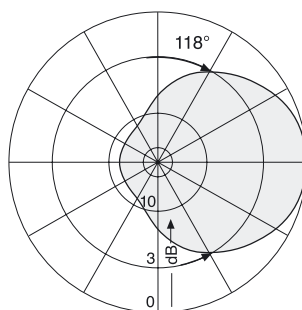
Yagi 146–174 118° 4dB

Type No.	K531821
Frequency range	146 – 174 MHz
Polarization	Usable for horizontal or vertical polarization.
Gain (ref. $\frac{1}{2}$ dipole)	4 dB
Impedance	50
VSWR	< 1.3
Max. power	380 W (at 50 °C ambient temperature)

- Material:** Hot-dip galvanized steel.
All screws and nuts: Stainless steel.
- Mounting:** On masts from 60 – 125 mm diameter, clamps supplied.
- Grounding:** All metal parts of the antenna including the mounting kit are DC grounded.



in E-plane



in H-plane

Mechanical specifications	
Input	N female
Weight	7.5 kg
Wind load	170 N (at 150 km/h)
Max. wind velocity	200 km/h
Packing size	1112 x 92 x 904 mm
Height	approx. 1100 mm
Yagi length	approx. 750 mm