

V pol Dual Band Groundplane Antenna

74.2 ... 87.5 MHz/ 167.5 - 174 MHz

The Schomandl K5125421 covers two of the most important PMR frequency bands within one compact antenna.

- Rugged two-range groundplane antenna with fiberglass radials
- Stainless steel, hardware and fastenings.
- Possibility to fold the radials into different directions to decrease space requirements
- Feed via two separate N female connectors

Type No.	Antenna	K 51 25 42 1	
Spare radials		K 51 25 40 2	
Input		2 x N female	
Frequency range		74.2 - 77.7 MHz and 84.0 - 87.5 MHz	167.5 - 174 MHz
Gain (ref. l/2 dipole)		0 dB	0.5 dB
VSWR		< 1.5	
Impedance		50 Ω	
Polarization		Vertical	
Max. power		10 Watt (at 50 °C ambient temperature)	
Decoupling		< 30 dB between 2 m band and 4 m band	
Weight		2.7 kg	
Wind load		90 N (at 150 km/h)	
Max. wind velocity		180 km/h	
Packing size		1160 x 120 x 110 mm	
Radiator length		1121 mm	
Diameter		50 mm	
Length of radials		1003 mm	
Order No.		80000009	

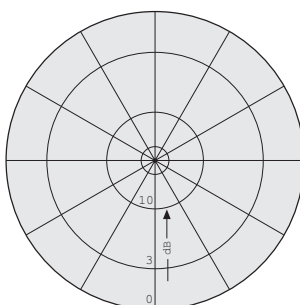


Material: Radiator: Weather-resistant aluminum in fiberglass radome.
Radials: Fiberglass with imbedded stranded copper wire.
Base: Aluminum.
Mounting U-bolt and all screws and nuts: Stainless steel.
Mounting: To pipes of 30 - 54 mm diameter by means

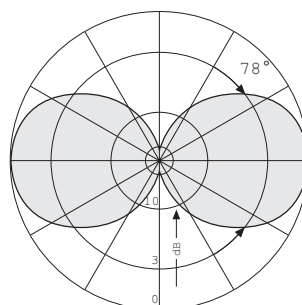
Mounting: To pipes of 30 - 54 mm diameter by means of mounting kit (supplied). The antenna must be mounted in such a manner, that the feeder cables runs outside the mast.

Special features: The radials can be folded up.

Grounding: All metal parts of the antenna including the mounting kit are DC grounded.



Horizontal Pattern



Vertical Pattern