

The Schomandl 717758 is a tunable Groundplane antenna for a wide frequency range.

- Entire antenna at DC ground potential to prevent electrostatic noise and to improve lightning protection
- Wide frequency range achievable by cutting radials to desired length
- Variable mounting configurations allow feeder cable to be run inside or outside the support pipe.
- Stainless steel ground radials, hardware, and fastenings.

Type No.	717758
Input	N female
Frequency range	25 ... 61 MHz
Gain (bez. $\lambda/2$ -dipole)	0 dB
Impedance	50 Ω
Polarization	Vertical
Max. power	500 W (at 50 °C ambient temperature)
Weight*	1.8 kg
Wind load*	120 N (at 150 km/h)
Max. wind velocity	120 km/h
Packing size	3000 x \varnothing 120 mm
Radiator length	max. 2510 mm
Length of radials	max. 2910 mm
Order No.	80000855

* for max. antenna length

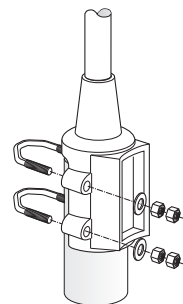
Material: Radiator and radials: Fiberglass with imbedded stranded copper wire.
Base: Aluminum.
Mounting U-bolt, all screws and nuts: Stainless steel.

Mounting: The antenna can be attached in two ways with the supplied mounting kit:
1. On the tip of a tubular mast of 40 - 54 mm diameter (connecting cable runs inside the mast).
2. Laterally at the tip of a tubular mast of 20 - 54 mm diameter (connecting cable runs outside the mast).

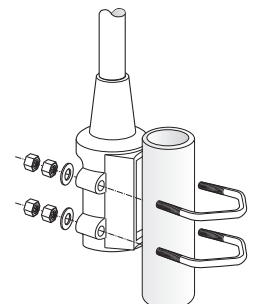
Radials: Tightening torque 25 Nm

Tuning: By cutting radiator and radials to length in accordance to the mounting instructions.

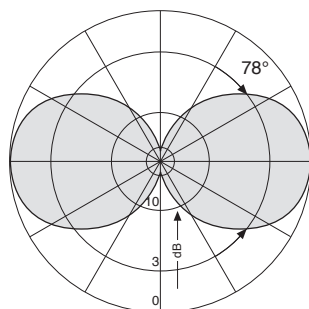
Grounding: All metal parts of the antenna including the mounting kit are DC grounded.



On the tip of a tubular mast



Laterally at the tip of a tubular mast



Vertical Pattern

Standing Wave Ratio (VSWR)
Examples of matching at various frequencies

