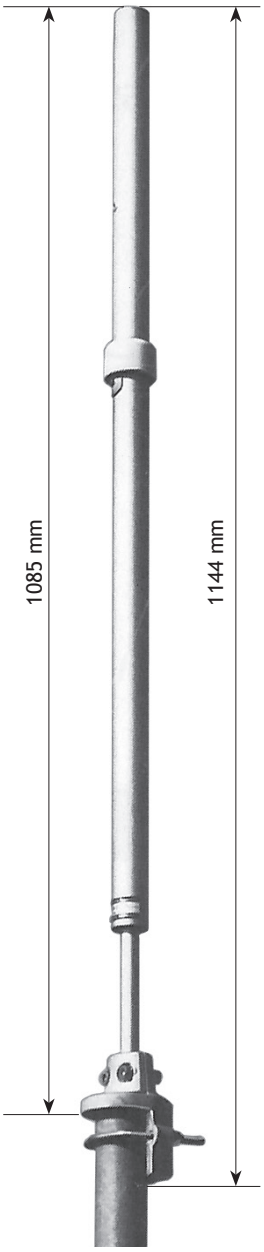
V pol Omni Sleeve Dipole Antennas
Vertical Polarization 146 ... 174 MHz

The Schomandl sleeve dipole antennas are based on a dipole and a matching cavity. This construction helps to provide highest performance at a limited space: The narrow bandwidth of sleeve dipoles can provide an effcient pre-selection and suppress out of band emissions.

- Aluminum omnidirectional antenna
- Direct cable connection without connector.
- Three separate models for the 146-174 MHz band available

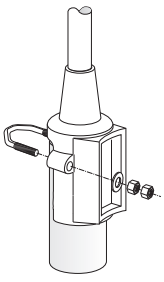
Type No.	K 55 26 26	K 55 26 27	K 55 26 28
Frequency range	146 - 156 MHz	155 - 165 MHz	164 - 174 MHz
Gain (ref. λ/2 dipole)	0 dB		
VSWR	< 1.6		
Impedance	50 Ω		
Polarization	Vertical		
Max. power	130 W (at 50 °C ambient temperature)		
Order No.	80000015	80000016	80000017

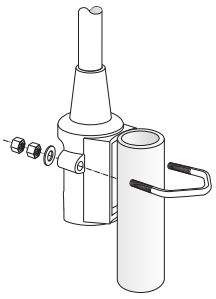


K552626

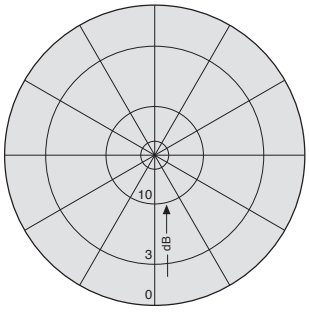
Mounting:

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 [1.6-2.1 inches] diameter (connecting cable runs inside the mast).
2. Laterally at the tip of a tubular mast of 20-40 mm [0.8-1.6 inches] diameter (connecting cable runs outside the mast).

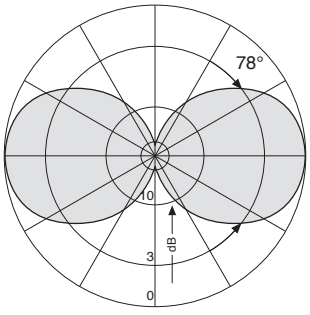

On the tip of a tubular mast


Laterally at the tip of a tubular mast

Radiation Pattern (at mid-band)



Horizontal Pattern



Vertical Pattern

Mechanical specifications	K552626	K552627	K552628
Input	Via terminals inside antenna.		
Cable needed	RG-213/U		
Weight	1.3 kg		
Wind load	50 N (at 150 km/h)		
Max. wind velocity	200 km/h		
Packing size	1254 x 112 x 97 mm		
Height	1085 mm	1042 mm	993 mm

Schomandl GmbH & Co. KG
Georg-Wimmer-Ring 14
85604 Zorneding, Germany
Phone: +49 8106 37725 10
Fax: +49 8106 37725 20
www.Schomandl.com
sales@Schomandl.com