

V pol Dipole Antenna 68 ... 87.5 MHz Vertical Polarization

The Schomandl K552841 is a robust dipole antenna intended for use in professional fixed-station applications in the 68-87.5 MHz band with highest performance and stability requirements.

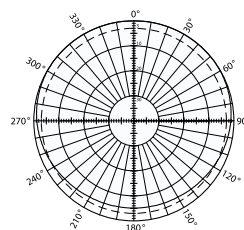
- Hot-dip galvanized steel construction
- Entire antenna at DC ground potential
- Mounting position determines preferred direction

Type No.	K 55 28 41
Frequency range	68-87.5 MHz
Gain	4 dBi
Impedance	50 ohms
VSWR	<1.5:1
Polarization	Vertical
Maximum input power	230 watts (at 50 °C)
H-plane beamwidth	180° (half-power)
E-plane beamwidth	78° (half-power)
Connector	N female
Weight	9 kg (19.8 lb)
Dimensions (approx.)	1750 x 870 mm (68.9 x 34.3 inches)
Wind load	at 150 km/h (93 mph) 165 N (38 lbf)
Wind survival rating*	200 km/h (120 mph)
Shipping dimensions	1800 x 948 x 107 mm (70.9 x 37.3 x 4.2 inches)
Shipping weight	11 kg (24.3 lb)
Mounting	For masts of 60 to 115 mm (2.375 to 4.5 inches) OD.
Order No.	80000012

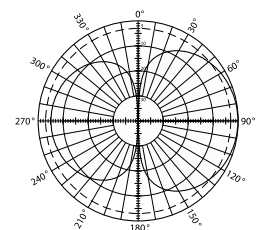


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* Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity.



Horizontal pattern



Vertical pattern

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