

4-Element Yagi Antenna 68 ... 87.5 MHz

Vertical Polarization

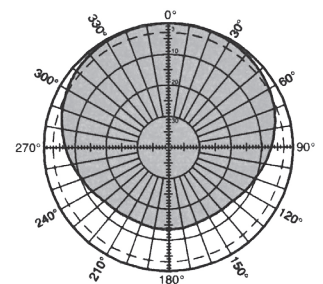
The Schomandl K531741 yagi antenna is intended for use in professional fixed-station applications in the 68-87.5 MHz band.

- 4 Element Yagi with 120° beam width
- Rugged hot-dip galvanized steel construction.
- Entire antenna at DC ground potential.

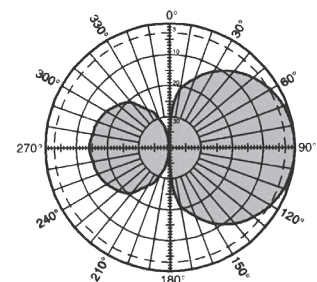
Type No.	K 53 17 41
Frequency range	68-87.5 MHz
Gain	8 dBi
Impedance	50 ohms
VSWR	<1.5:1
Polarization	Vertical
Maximum input power	150 watts (at 50° C)
H-plane beamwidth	Varies with frequency
E-plane beamwidth	Varies with frequency
Connector	N female
Weight	22 kg (48.5 lb)
Dimensions (approx.)	2380 x 2030 mm (93.7 x 79.9 inches)
Wind load	at 150km/h (93 mph) 520 N (117 lbf)
Wind survival rating*	180 km/h (110 mph)
Shipping dimensions	2424 x 2118 x 182 mm (95.4 x 83.4 x 7.2 inches)
Shipping weight	25 kg (55.1 lb)
Mounting	For masts of 60 to 115 mm (2.375 to 4.5 inches) OD.
Order No.	80000003



© Schomandl GmbH & Co. KG - Subject to modifications / Issue 04/2017



H-plane
Horizontal Pattern – V-polarization
77 MHz



E-plane
Vertical Pattern – V-polarization
77 MHz

* 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.

4-Element Yagi Antenna 68 ... 87.5 MHz Vertical Polarization

