

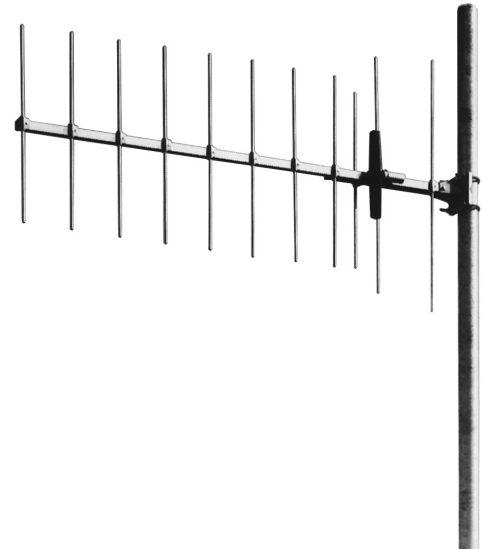
11-Element Yagi Antenna 146 ... 174 MHz

Vertical / Horizontal Polarization

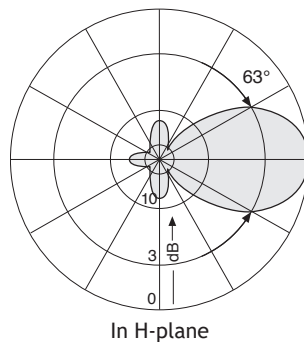
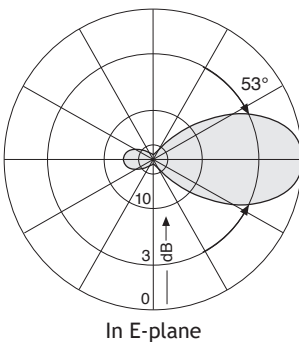
The Schomandl K520721 yagi antenna is intended for use in professional fixed-station applications in the 146-174 MHz band.

- High gain at a narrow beam width for directional links
- Weather-resistant aluminum construction.
- Entire antenna at DC ground potential.

Type No.	K 52 07 21
Frequency range	146 - 174 MHz
Polarization	Usable for horizontal or vertical polarization
Gain (ref. $\lambda/2$ dipole)	8.5 dB
Impedance	50 Ω
VSWR	< 1.5
Max. power	250 W (at 50 °C ambient temperature)
HCM-Code(s)	HCM007KA12, 245TA17
Order No.	80000006



Material:	Antenna: Weather-resistant aluminum. All screws and nuts: Stainless steel.
Mounting:	On masts from 60- 105 mm [2.4-4.1 inches] diameter, by means of supplied mounting kit.
Grounding:	All metal parts of the antenna including the mounting kit are DC grounded. The inner conductor is coupled capacitively.
Shipping:	The antenna will be shipped dismounted.



Mechanical specifications			
Input	7-16 female		
Connector position	Bottom		
Wind load (N) [lbf]	Horizontal:	Vertical:	
(at 150 km/h)	lateral:	235 [53]	210 [47]
	frontal:	140 [31]	140 [31]
Max. wind velocity (km/h) [mph]	210 [130]	220 [137]	
Height (mm) [inches]	approx. 1022 [40.2]		
Yagi length (mm) [inches]	approx. 1910 [75.2]		
Weight (kg) [lb]	10.0 [22.0]		
Packing size (mm) [inches]	1954 x 186 x 162 [77.0 x 7.3 x 6.4]		