

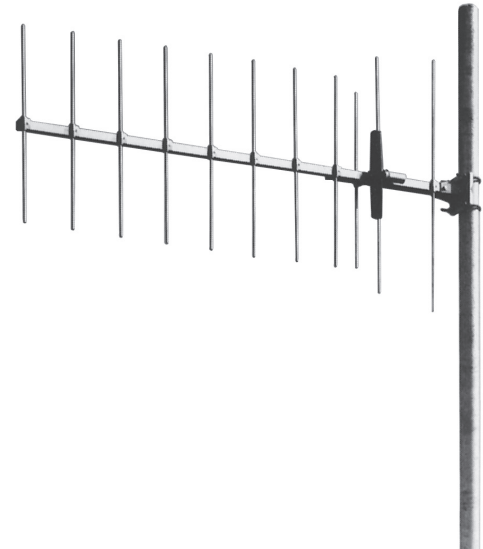
# 11-Element Yagi Antenna 146 ... 174 MHz

## Vertical / Horizontal Polarization

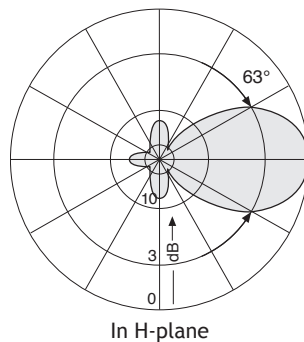
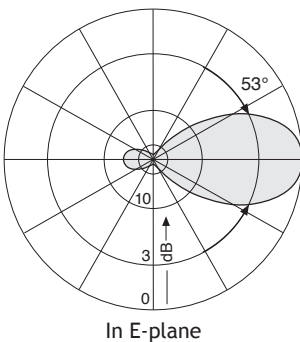
The Schomandl K520721 yagi antenna is intended for use in professional fixed-station applications in the 146-174 MHz band.

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

Type No.	<b>K 52 07 21</b>
Frequency range	146 - 174 MHz
Polarization	Usable for horizontal or vertical polarization
Gain (ref. $\lambda/2$ dipole)	8.5 dB
Impedance	50 $\Omega$
VSWR	< 1.5
Max. power	250 W (at 50 °C ambient temperature)
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 (at 150 km/h)	(N) [lbf] lateral: frontal:	Horizontal: 235 [53] 140 [31]	Vertical: 210 [47] 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]	