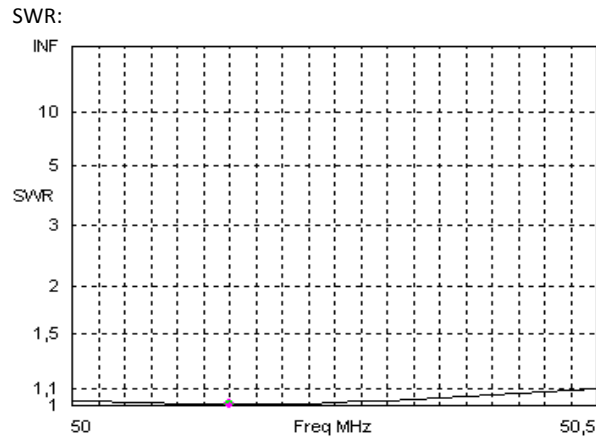


Bausatz 4 ele Yagi 50 MHz mit 2,23m Boom im 28 Ohm Design
Antenna kit 4 ele Yagi 50 MHz with 2,23m boom in 28 Ohm Design

Antennenabmessungen / Dimensions table			
	Durchmesser / Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	12	2980	0
Strahler / Radiator	12	2894	510
Direktor 1 / Director 1	12	2770	965
Direktor 2 / Director 2	12	2570	2180

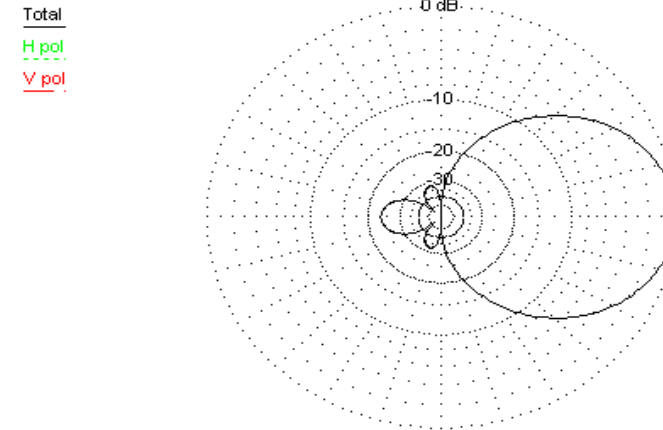
Alle Elementlängen gelten von Spitze zu Spitze, inklusive der Unterbrechung in der Mitte. All element lengths are given from tip to tip, including the spacing in the middle.



Freq 50,15 MHz Source # 1
 SWR 1,006 Z0 28 ohms
 Z 27,95 - j 0,1507 ohms
 Refl Coeff 0,002857 at -109,3 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M



Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 6,32dBref

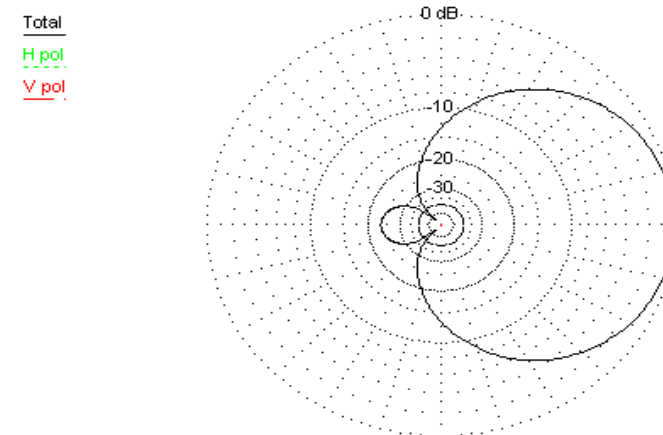
Cursor Az 0,0 deg.
 Gain 6,32 dBref
 0,0 dBmax

Slice Max Gain 6,32 dBref @ Az Angle = 0,0 deg.
 Front/Back 23,31 dB
 Beamwidth 61,4 deg.; -3dB @ 329,3, 30,7 deg.
 Sidelobe Gain -16,99 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 23,31 dB

50,15 MHz

Vertikales Richtdiagramm / Elevation plot

EZNEC-M



Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 6,32dBref

Cursor Elev 0,0 deg.
 Gain 6,32 dBref
 0,0 dBmax

Slice Max Gain 6,32 dBref @ Elev Angle = 0,0 deg.
 Front/Back 23,31 dB
 Beamwidth 94,4 deg.; -3dB @ 312,8, 47,2 deg.
 Sidelobe Gain -16,99 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 23,31 dB

50,15 MHz