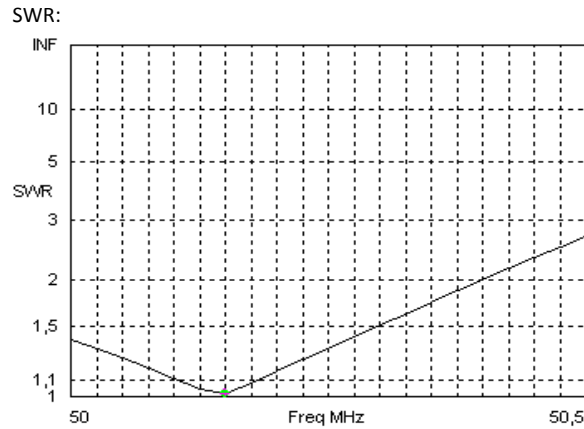


Bausatz 2 ele Yagi 50 MHz mit 0,45m Boom im 12,5 Ohm Design
Antenna kit 2 ele Yagi 50 MHz with 0,45m boom in 12,5 Ohm Design

Antennenabmessungen / Dimensions table			
	Durchmesser / Diameter (mm)	Länge / Length (mm)	Position (mm)
Strahler / Radiator	12	2950	0
Direktor / Director	12	2806	400

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.

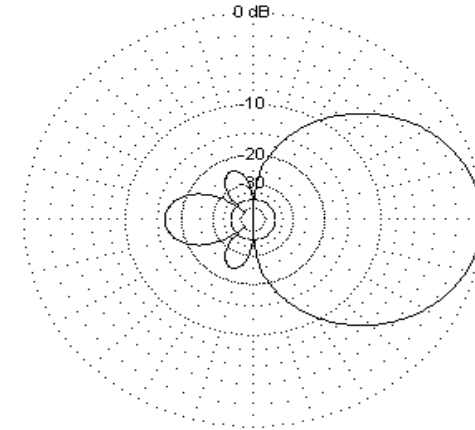


Freq 50,15 MHz Source # 1
 SWR 1,019 Z0 12,5 ohms
 Z 12,38 + j 0,1946 ohms
 Refl Coeff 0,009207 at 121,41 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M

Total
 H pol
 V pol



50,15 MHz

Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 4,84dBref

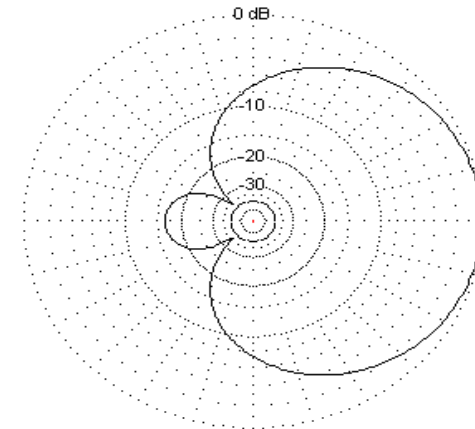
Cursor Az 0,0 deg.
 Gain 4,84 dBref
 0,0 dBmax

Slice Max Gain 4,84 dBref @ Az Angle = 0,0 deg.
 Front/Back 16,34 dB
 Beamwidth 66,6 deg.; -3dB @ 326,7, 33,3 deg.
 Sidelobe Gain -11,49 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 16,34 dB

Vertikales Richtdiagramm / Elevation plot

EZNEC-M

Total
 H pol
 V pol



50,15 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 4,84dBref

Cursor Elev 0,0 deg.
 Gain 4,84 dBref
 0,0 dBmax

Slice Max Gain 4,84 dBref @ Elev Angle = 0,0 deg.
 Front/Back 16,34 dB
 Beamwidth 123,0 deg.; -3dB @ 298,5, 61,5 deg.
 Sidelobe Gain -11,49 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 16,34 dB