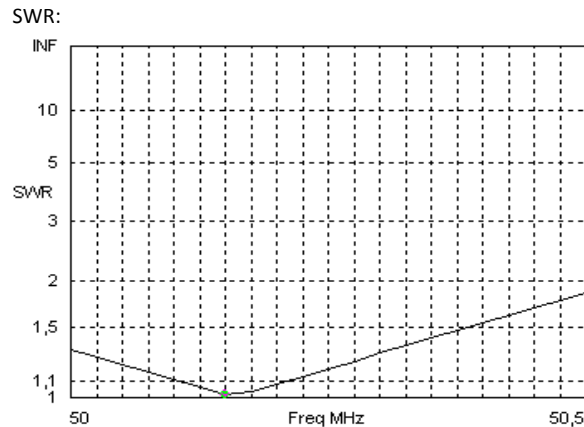


Bausatz 3 ele Yagi 50 MHz mit 1,90m Boom im 12,5 Ohm Design
Antenna kit 3 ele Yagi 50 MHz with 1,90m boom in 12,5 Ohm Design

Antennenabmessungen / Dimensions table			
	Durchmesser / Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	12	2970	0
Strahler / Radiator	12	2818	600
Direktor / Director	12	2656	1850

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.

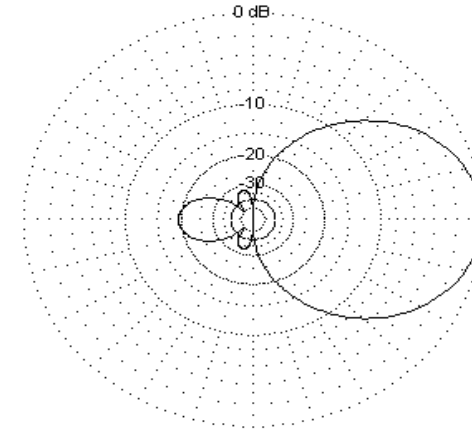


Freq 50,15 MHz Source # 1
 SWR 1,013 Z0 12,5 ohms
 Z 12,52 - j 0,163 ohms
 Refl Coeff 0,006563 at -82,61 deg.

Horizontales Richtdiagramm / Azimuth plot

EZNEC-M

Total
 H pol
 V pol



50,15 MHz

Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 6,38dBref

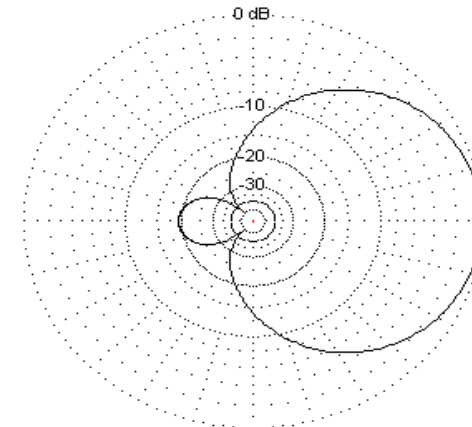
Cursor Az 0,0 deg.
 Gain 6,38 dBref
 0,0 dBmax

Slice Max Gain 6,38 dBref @ Az Angle = 0,0 deg.
 Front/Back 19,26 dB
 Beamwidth 61,0 deg.; -3dB @ 329,5, 30,5 deg.
 Sidelobe Gain -12,88 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 19,26 dB

Vertikales Richtdiagramm / Elevation plot

EZNEC-M

Total
 H pol
 V pol



50,15 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 6,38dBref

Cursor Elev 0,0 deg.
 Gain 6,38 dBref
 0,0 dBmax

Slice Max Gain 6,38 dBref @ Elev Angle = 0,0 deg.
 Front/Back 19,26 dB
 Beamwidth 92,8 deg.; -3dB @ 313,6, 46,4 deg.
 Sidelobe Gain -12,88 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 19,26 dB