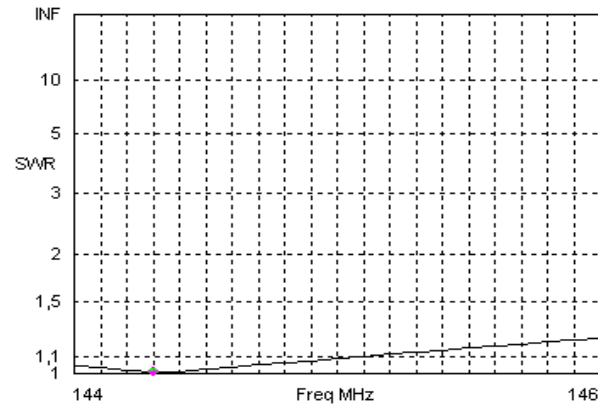


Bausatz 2 ele Yagi 144 MHz mit 0,39m Boom im 50 Ohm Design
Antenna kit 2 ele Yagi 144 MHz with 0,39m boom in 50 Ohm Design

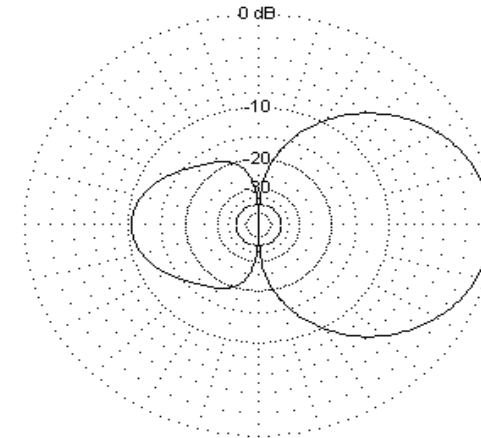
Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	8	1030	0
Strahler / Radiator	8	934	370

SWR:



Freq 144,3 MHz Source # 1
 SWR 1,01 Z0 50 ohms
 Z 49,52 + j 0,07391 ohms
 Refl Coeff 0,004867 at 171,18 deg.

Azimuth:



EZNEC-M

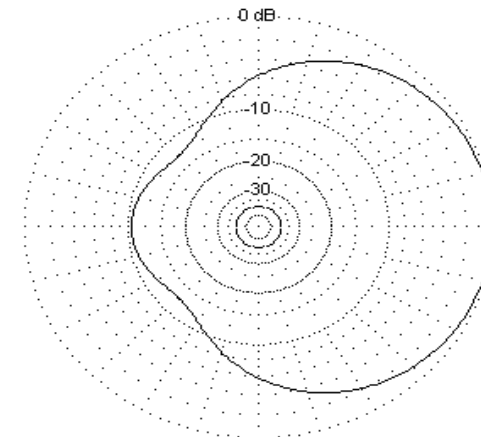
144,3 MHz

Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 4,07dBref

Cursor Az 0,0 deg.
 Gain 4,07 dBref
 0,0 dBmax

Slice Max Gain 4,07 dBref @ Az Angle = 0,0 deg.
 Front/Back 10,47 dB
 Beamwidth 70,0 deg.; -3dB @ 325,0, 35,0 deg.
 Sidelobe Gain -6,39 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 10,47 dB

Elevation:



EZNEC-M

144,3 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 4,07dBref

Cursor Elev 0,0 deg.
 Gain 4,07 dBref
 0,0 dBmax

Slice Max Gain 4,07 dBref @ Elev Angle = 0,0 deg.
 Front/Back 10,47 dB
 Beamwidth 138,8 deg.; -3dB @ 290,6, 69,4 deg.
 Sidelobe Gain -6,39 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 10,47 dB