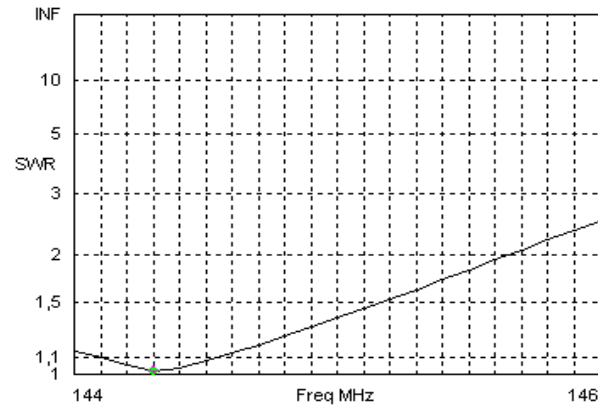


**Bausatz 6 ele Yagi 144 MHz mit 2,5m Boom im 50 Ohm Design**  
**Antenna kit 6 ele Yagi 144 MHz with 2,5m boom in 50 Ohm Design**

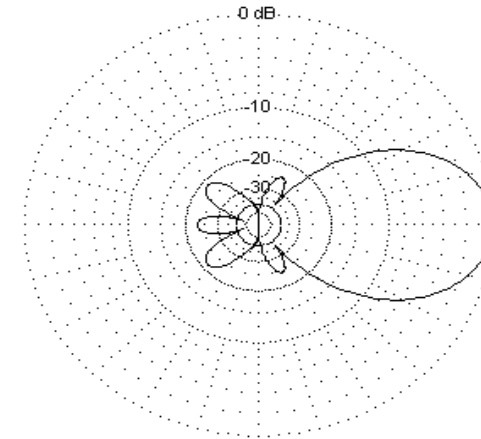
Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	8	1002	0
Strahler / Radiator	8	962	380
Direktor 1 / Director 1	8	928	530
Direktor 2 / Director 2	8	912	1040
Direktor 3 / Director 3	8	894	1800
Direktor 4 / Director 4	8	894	2480

**SWR:**



Freq 144,3 MHz Source # 1  
 SWR 1,016 Z0 50 ohms  
 Z 49,91 - j 0,7804 ohms  
 Refl Coeff 0,007859 at -95,93 deg.

**Azimuth:**



EZNEC-M

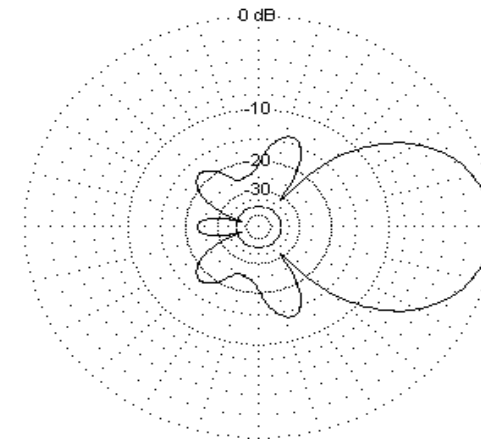
144,3 MHz

Azimuth Plot  
 Elevation Angle 0,0 deg.  
 Outer Ring 10,11 dBref

Cursor Az 0,0 deg.  
 Gain 10,11 dBref  
 0,0 dBmax

Slice Max Gain 10,11 dBref @ Az Angle = 0,0 deg.  
 Front/Back 22,98 dB  
 Beamwidth 44,4 deg.; -3dB @ 337,8, 22,2 deg.  
 Sidelobe Gain -11,29 dBref @ Az Angle = 139,0 deg.  
 Front/Sidelobe 21,4 dB

**Elevation:**



EZNEC-M

144,3 MHz

Elevation Plot  
 Azimuth Angle 0,0 deg.  
 Outer Ring 10,11 dBref

Cursor Elev 0,0 deg.  
 Gain 10,11 dBref  
 0,0 dBmax

Slice Max Gain 10,11 dBref @ Elev Angle = 0,0 deg.  
 Front/Back 22,98 dB  
 Beamwidth 52,0 deg.; -3dB @ 334,0, 26,0 deg.  
 Sidelobe Gain -3,63 dBref @ Elev Angle = 71,0 deg.  
 Front/Sidelobe 13,74 dB