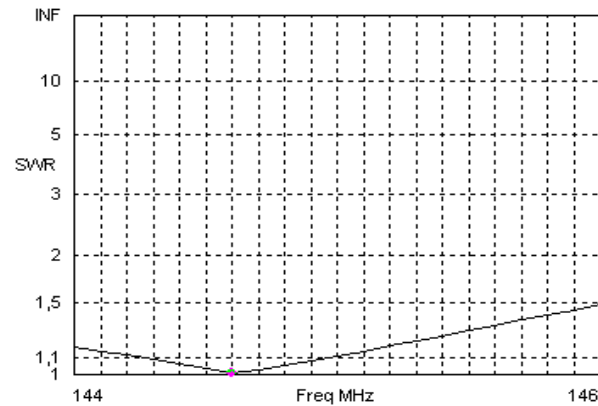


**Bausatz 3 ele Yagi 144 MHz mit 0,88m Boom im 28 Ohm Design**  
**Antenna kit 3 ele Yagi 144 MHz with 0,88m boom in 28 Ohm Design**

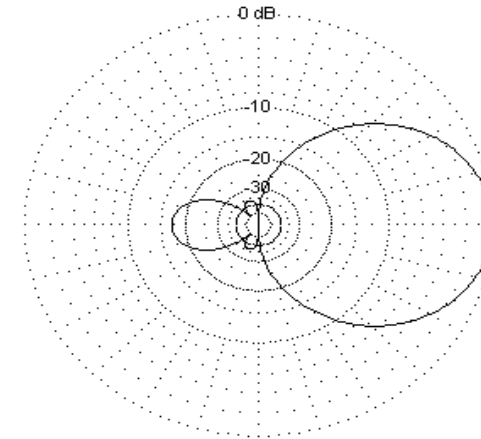
Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	8	1020	0
Strahler / Radiator	8	962	480
Direktor / Director	8	908	860

**SWR:**



Freq 144,6 MHz Source # 1  
 SWR 1,009 Z0 28 ohms  
 Z 28,24 - j 0,07165 ohms  
 Refl Coeff 0,004381 at -16,84 deg.

**Azimuth:**



EZNEC-M

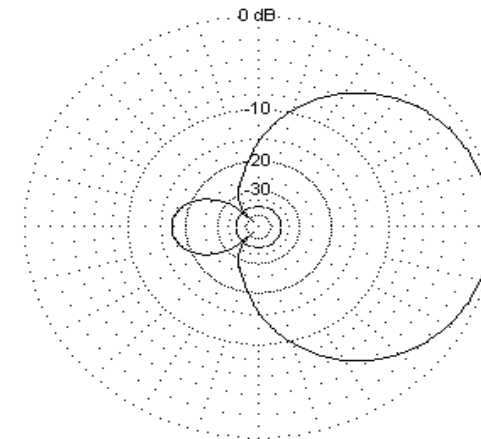
144,3 MHz

Azimuth Plot  
 Elevation Angle 0,0 deg.  
 Outer Ring 6,44dBref

Cursor Az 0,0 deg.  
 Gain 6,44 dBref  
 0,0 dBmax

Slice Max Gain 6,44 dBref @ Az Angle = 0,0 deg.  
 Front/Back 16,97 dB  
 Beamwidth 61,6 deg.; -3dB @ 329,2, 30,8 deg.  
 Sidelobe Gain -10,53 dBref @ Az Angle = 180,0 deg.  
 Front/Sidelobe 16,97 dB

**Elevation:**



EZNEC-M

144,3 MHz

Elevation Plot  
 Azimuth Angle 0,0 deg.  
 Outer Ring 6,44dBref

Cursor Elev 0,0 deg.  
 Gain 6,44 dBref  
 0,0 dBmax

Slice Max Gain 6,44 dBref @ Elev Angle = 0,0 deg.  
 Front/Back 16,97 dB  
 Beamwidth 93,8 deg.; -3dB @ 313,1, 46,9 deg.  
 Sidelobe Gain -10,53 dBref @ Elev Angle = 180,0 deg.  
 Front/Sidelobe 16,97 dB