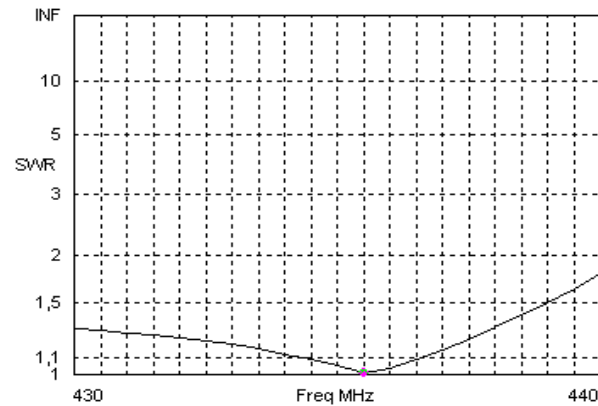


Bausatz 4 ele Yagi 432 MHz mit 0,35m Boom im 28 Ohm Design
Antenna kit 4 ele Yagi 432 MHz with 0,35m boom in 28 Ohm Design

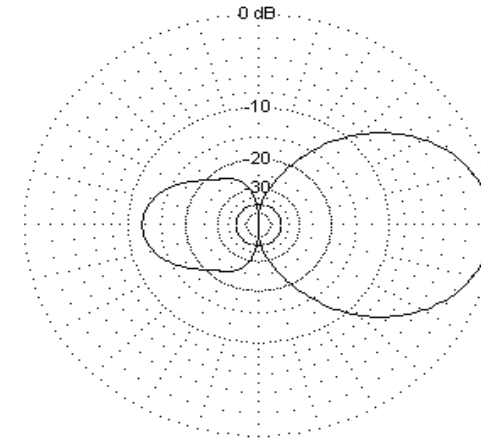
Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	8	336	0
Strahler / Radiator	10	316	80
Direktor 1 / Director 1	8	300	190
Direktor 3 / Director 3	8	292	330

SWR:



Freq 435,5 MHz Source # 1
 SWR 1,011 Z0 28 ohms
 Z 28,25 - j 0,1821 ohms
 Refl Coeff 0,005501 at -35,86 deg.

Azimuth:



EZNEC-M

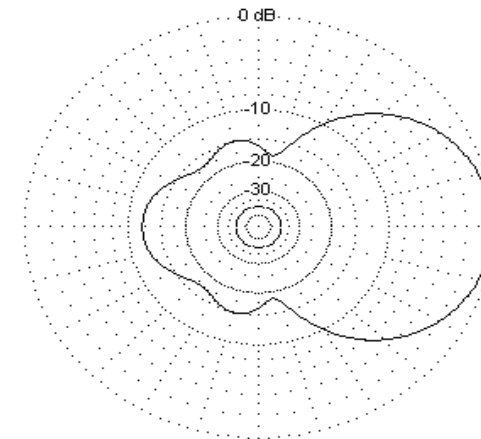
432,2 MHz

Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 7,55dBref

Cursor Az 0,0 deg.
 Gain 7,55 dBref
 0,0 dBmax

Slice Max Gain 7,55 dBref @ Az Angle = 0,0 deg.
 Front/Back 12,0 dB
 Beamwidth 54,8 deg.; -3dB @ 332,6, 27,4 deg.
 Sidelobe Gain -4,45 dBref @ Az Angle = 180,0 deg.
 Front/Sidelobe 12,0 dB

Elevation:



EZNEC-M

432,2 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 7,55dBref

Cursor Elev 0,0 deg.
 Gain 7,55 dBref
 0,0 dBmax

Slice Max Gain 7,55 dBref @ Elev Angle = 0,0 deg.
 Front/Back 12,0 dB
 Beamwidth 73,4 deg.; -3dB @ 323,3, 36,7 deg.
 Sidelobe Gain -4,45 dBref @ Elev Angle = 180,0 deg.
 Front/Sidelobe 12,0 dB