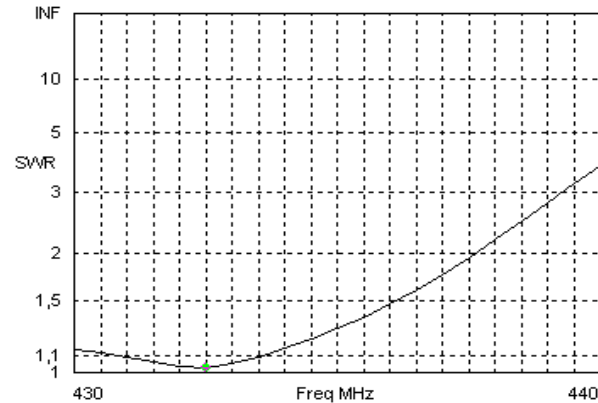


Bausatz 10 ele Yagi 432 MHz mit 2,01m Boom im 50 Ohm Design
Antenna kit 10 ele Yagi 432 MHz with 2,01m boom in 50 Ohm Design

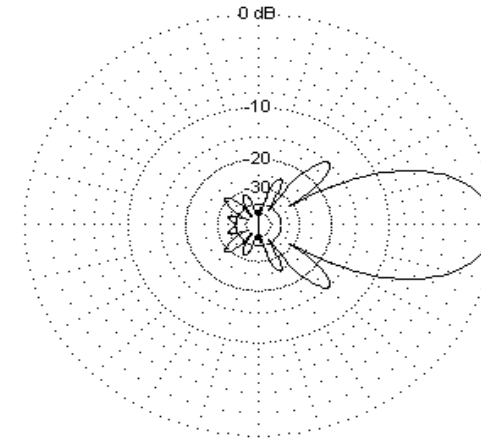
Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	6	335	0
Strahler / Radiator	6	323	145
Direktor 1 / Director 1	6	302	200
Direktor 2 / Director 2	6	291	375
Direktor 3 / Director 3	6	285	625
Direktor 4 / Director 4	6	282	910
Direktor 5 / Director 5	6	279	1200
Direktor 6 / Director 6	6	279	1485
Direktor 7 / Director 7	6	283	1770
Direktor 8 / Director 8	6	279	1985

SWR:



Freq 432,5 MHz Source # 1
 SWR 1,025 Z0 50 ohms
 Z 49,23 + j 0,9778 ohms
 Refl Coeff 0,01255 at 127,68 deg.

Azimuth:



EZNEC-M

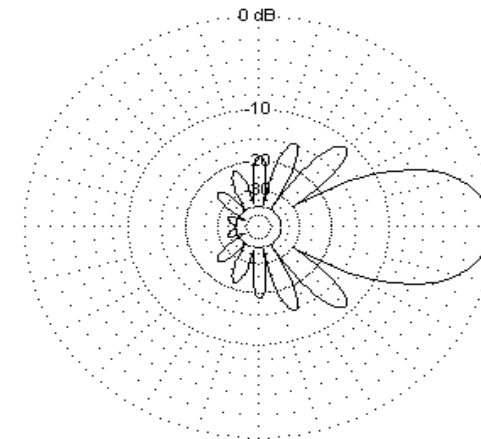
432,2 MHz

Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 12,83dBref

Cursor Az 0,0 deg.
 Gain 12,83 dBref
 0,0 dBmax

Slice Max Gain 12,83 dBref @ Az Angle = 0,0 deg.
 Front/Back 39,75 dB
 Beamwidth 32,2 deg.; -3dB @ 343,9, 16,1 deg.
 Sidelobe Gain -2,02 dBref @ Az Angle = 44,0 deg.
 Front/Sidelobe 14,86 dB

Elevation:



EZNEC-M

432,2 MHz

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 12,83dBref

Cursor Elev 0,0 deg.
 Gain 12,83 dBref
 0,0 dBmax

Slice Max Gain 12,83 dBref @ Elev Angle = 0,0 deg.
 Front/Back 39,75 dB
 Beamwidth 34,4 deg.; -3dB @ 342,8, 17,2 deg.
 Sidelobe Gain 1,91 dBref @ Elev Angle = 315,0 deg.
 Front/Sidelobe 10,93 dB