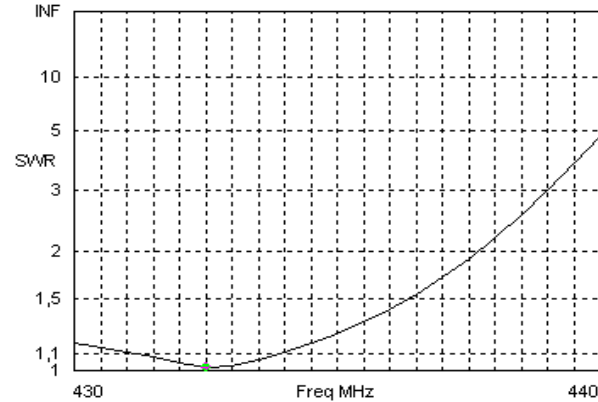


Bausatz 16 ele Yagi 432 MHz mit 3,88m Boom im 28 Ohm Design
Antenna kit 16 ele Yagi 432 MHz with 3,88m boom in 28 Ohm Design

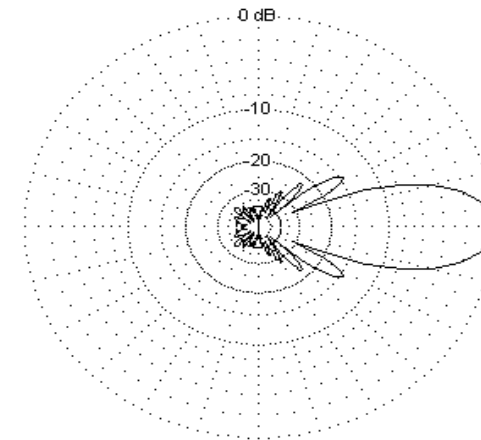
Antennenabmessungen / Dimensions table			
	Durchmesser Diameter (mm)	Länge / Length (mm)	Position (mm)
Reflektor / Reflector	8	339	0
Strahler / Radiator	12	321	145
Direktor 1 / Director 1	8	308	205
Direktor 2 / Director 2	8	293	370
Direktor 3 / Director 3	8	284	595
Direktor 4 / Director 4	8	276	875
Direktor 5 / Director 5	8	273	1170
Direktor 6 / Director 6	8	268	1475
Direktor 7 / Director 7	8	267	1780
Direktor 8 / Director 8	8	266	2095
Direktor 9 / Director 9	8	264	2400
Direktor 10 / Director 10	8	267	2710
Direktor 11 / Director 11	8	265	3020
Direktor 12 / Director 12	8	263	3310
Direktor 13 / Director 13	8	268	3630
Direktor 14 / Director 14	8	267	3860

SWR:



Freq 432,5 MHz Source # 1
 SWR 1,019 Z0 28 ohms
 Z 28,27 - j 0,4438 ohms
 Refl Coeff 0,009193 at -58,64 deg.

Azimuth:



EZNEC-M

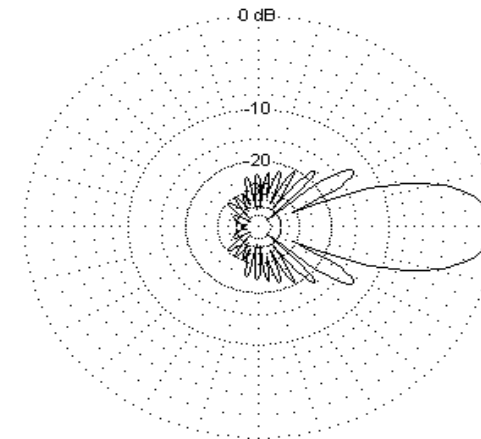
Azimuth Plot
 Elevation Angle 0,0 deg.
 Outer Ring 15,41 dBref

Cursor Az 0,0 deg.
 Gain 15,41 dBref
 0,0 dBmax

Slice Max Gain 15,41 dBref @ Az Angle = 0,0 deg.
 Front/Back 44,34 dB
 Beamwidth 25,0 deg.; -3dB @ 347,5, 12,5 deg.
 Sidelobe Gain 0,95 dBref @ Az Angle = 327,0 deg.
 Front/Sidelobe 14,46 dB

432,2 MHz

Elevation:



EZNEC-M

Elevation Plot
 Azimuth Angle 0,0 deg.
 Outer Ring 15,41 dBref

Cursor Elev 0,0 deg.
 Gain 15,41 dBref
 0,0 dBmax

Slice Max Gain 15,41 dBref @ Elev Angle = 0,0 deg.
 Front/Back 44,34 dB
 Beamwidth 26,0 deg.; -3dB @ 347,0, 13,0 deg.
 Sidelobe Gain 2,95 dBref @ Elev Angle = 33,0 deg.
 Front/Sidelobe 12,46 dB

432,2 MHz