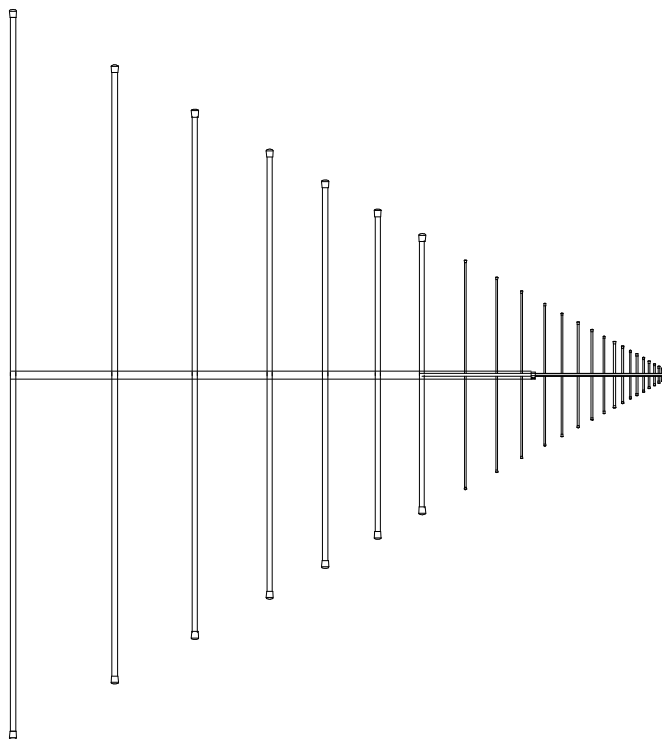


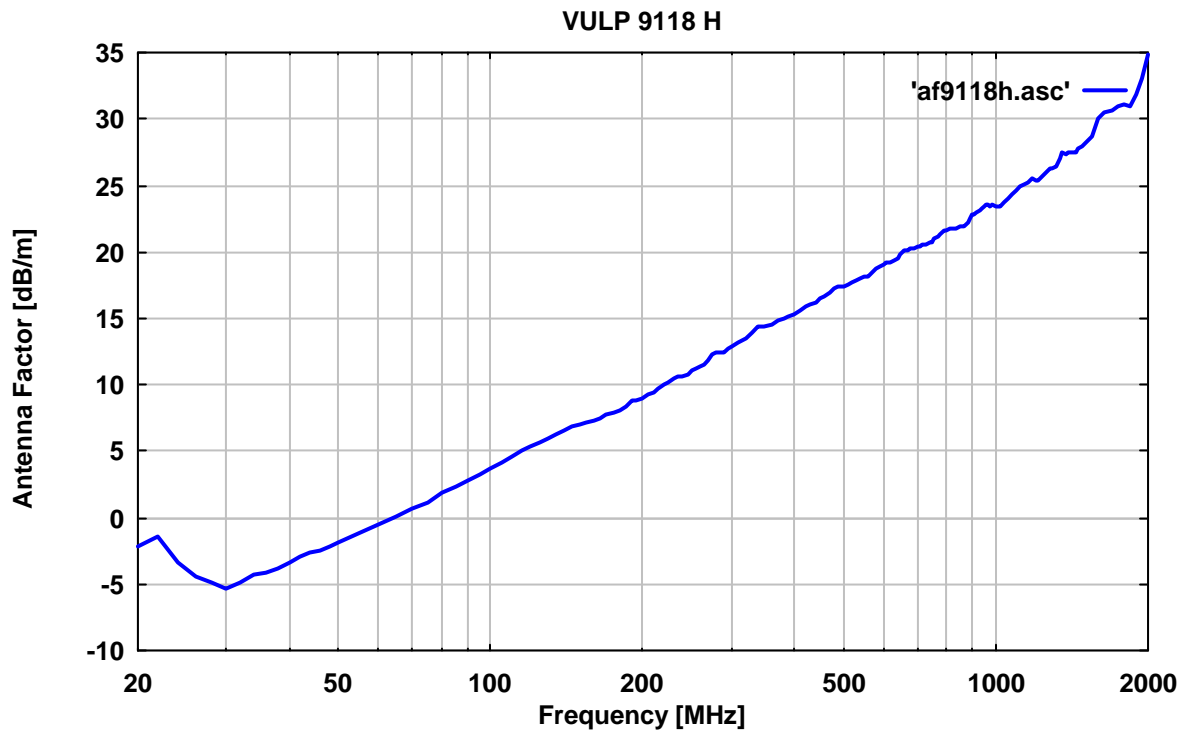
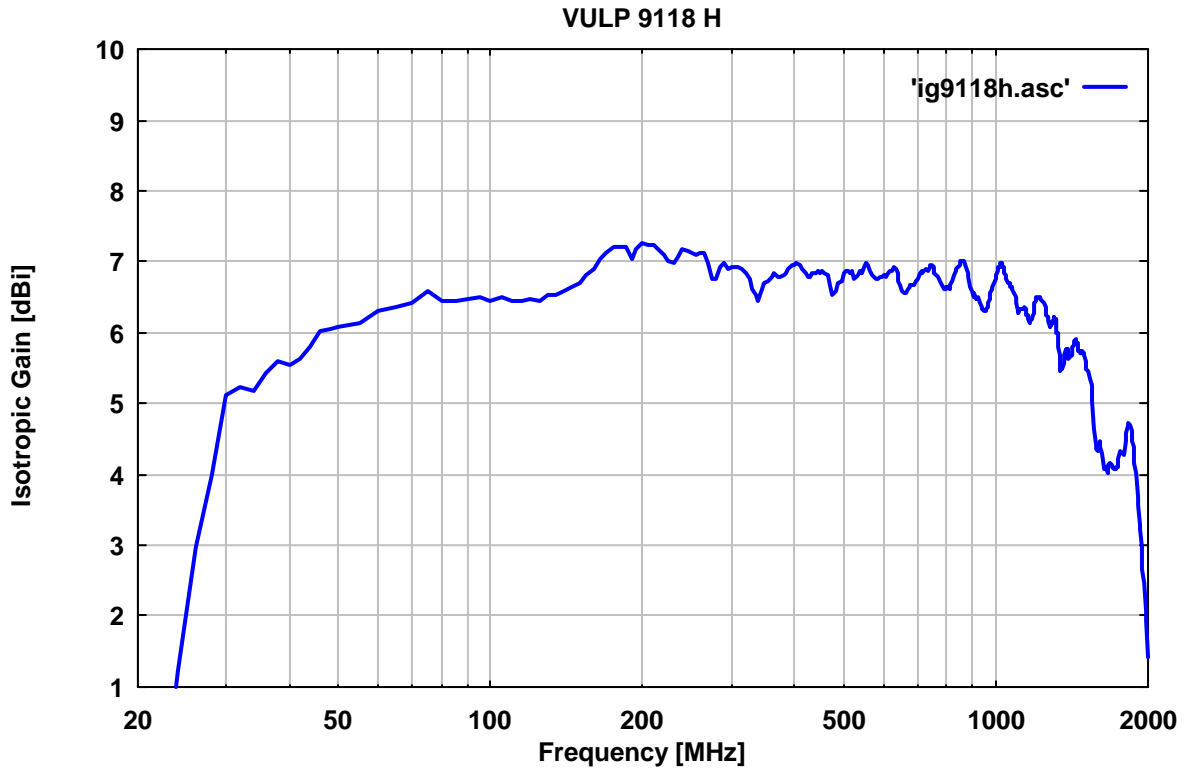
VULP 9118 H Logarithmisch Periodische Breitbandantenne
VULP 9118 H Logarithmic Periodic Broadband Antenna

Beschreibung:

Linear polarisierte Logarithmisch Periodische Breitbandantenne in Aluminiumausführung für Empfangs- und Sendeanwendungen

Description:

Linear polarized Logarithmic Periodic Broadband Antenna (Aluminium tubing) for Receive and Transmit Applications

Technische Daten:		Specifications:	
Frequenzbereich, nominell:	30 MHz...1.3 GHz	Nominal Frequency Range:	
Nutzbarer Frequenzbereich:	26 MHz ... 1.8 GHz	Usable Frequency Range:	
Isotropiegewinn:	6.2 dBi + / - 1.2 dB	Isotropic Gain:	
Antennenfaktor:	-6 ... 31 dB/m	Antenna Factor:	
Impedanz, nominell:	50 Ω	Nominal Impedance:	
Stehwellenverhältnis SWR max.:	< 2.5	Standing Wave Ratio SWR max.:	
Stehwellenverhältnis SWR typisch:	<1.5	Standing Wave Ratio SWR typical:	
Vor- Rückverhältnis:	≈ 20 dB	Front to Back Ratio:	
Polarisationsentkopplung:	>20 dB (30 MHz...1 GHz)	Cross Polarisation:	
3 dB Öffnungswinkel typ.(E-Ebene):	50°-65°	3 dB Beamwidth typ. (E-Plane):	
3 dB Öffnungswinkel typ.(H-Ebene):	90°-120°	3 dB Beamwidth typ. (H-Plane):	
Max. Eingangsleistung:	2000 W (30 MHz) 300 W (1 GHz)	Max. Input Power:	
Anschlußart: N-Buchse		N-Connector female	
Breite x Länge x Dicke:	5120 x 4850 x 380 mm	Width x Length x Thickness:	
Gewicht:	35 kg	Weight:	



Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
20.00	-1.64	-2.12
22.00	-1.59	-1.34
24.00	1.22	-3.40
26.00	2.97	-4.45
28.00	3.98	-4.82
30.00	5.13	-5.37
32.00	5.24	-4.92
34.00	5.19	-4.34
36.00	5.42	-4.07
38.00	5.59	-3.77
40.00	5.54	-3.28
42.00	5.62	-2.94
44.00	5.79	-2.70
46.00	6.02	-2.54
48.00	6.05	-2.21
50.00	6.09	-1.89
55.00	6.12	-1.09
60.00	6.31	-0.53
65.00	6.35	0.13
70.00	6.43	0.69
75.00	6.58	1.14
80.00	6.43	1.85
85.00	6.44	2.37
90.00	6.49	2.82
95.00	6.49	3.28
100.00	6.44	3.78
105.00	6.49	4.15
110.00	6.46	4.59
115.00	6.45	4.98
120.00	6.47	5.33
125.00	6.46	5.70
130.00	6.52	5.98
135.00	6.54	6.29
140.00	6.58	6.56
145.00	6.63	6.81
150.00	6.69	7.05
155.00	6.81	7.22
160.00	6.91	7.39
165.00	7.04	7.53
170.00	7.12	7.71
175.00	7.20	7.88
180.00	7.21	8.12
185.00	7.21	8.36
190.00	7.05	8.75
195.00	7.16	8.86
200.00	7.27	8.97
205.00	7.24	9.22
210.00	7.23	9.44
215.00	7.17	9.70
220.00	7.08	9.98
225.00	7.01	10.25
230.00	6.97	10.48
235.00	7.08	10.56
240.00	7.18	10.65

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
245.00	7.15	10.85
250.00	7.11	11.07
255.00	7.09	11.26
260.00	7.11	11.41
265.00	7.14	11.55
270.00	6.99	11.85
275.00	6.75	12.26
280.00	6.76	12.41
285.00	6.92	12.39
290.00	6.99	12.48
295.00	6.91	12.71
300.00	6.93	12.83
310.00	6.94	13.11
320.00	6.84	13.49
330.00	6.60	13.99
340.00	6.44	14.41
350.00	6.69	14.41
360.00	6.78	14.56
370.00	6.77	14.81
380.00	6.80	15.02
390.00	6.89	15.15
400.00	6.95	15.31
410.00	6.94	15.53
420.00	6.85	15.84
430.00	6.79	16.10
440.00	6.85	16.24
450.00	6.86	16.43
460.00	6.84	16.64
470.00	6.68	16.99
480.00	6.55	17.30
490.00	6.69	17.34
500.00	6.83	17.37
510.00	6.87	17.51
520.00	6.86	17.68
530.00	6.77	17.93
540.00	6.88	17.99
550.00	6.94	18.09
560.00	6.96	18.22
570.00	6.81	18.53
580.00	6.77	18.72
590.00	6.78	18.85
600.00	6.80	18.98
610.00	6.80	19.13
620.00	6.87	19.20
630.00	6.92	19.29
640.00	6.84	19.50
650.00	6.67	19.81
660.00	6.56	20.06
670.00	6.60	20.14
680.00	6.67	20.20
690.00	6.68	20.32
700.00	6.76	20.36
710.00	6.84	20.41
720.00	6.84	20.53

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
730.00	6.89	20.59
740.00	6.92	20.68
750.00	6.95	20.77
760.00	6.84	21.00
770.00	6.78	21.17
780.00	6.73	21.33
790.00	6.62	21.55
800.00	6.64	21.64
810.00	6.62	21.77
820.00	6.74	21.76
830.00	6.80	21.80
840.00	6.88	21.82
850.00	6.95	21.86
860.00	7.01	21.90
870.00	7.02	21.99
880.00	6.84	22.27
890.00	6.64	22.57
900.00	6.58	22.73
910.00	6.57	22.83
920.00	6.48	23.01
930.00	6.43	23.16
940.00	6.37	23.31
950.00	6.30	23.47
960.00	6.32	23.54
970.00	6.43	23.53
980.00	6.57	23.47
990.00	6.64	23.49
1000.00	6.77	23.45
1020.00	6.93	23.46
1040.00	6.91	23.65
1060.00	6.70	24.03
1080.00	6.61	24.27

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
1100.00	6.41	24.64
1120.00	6.32	24.89
1140.00	6.34	25.02
1160.00	6.25	25.25
1180.00	6.18	25.48
1200.00	6.46	25.34
1220.00	6.50	25.45
1240.00	6.43	25.65
1260.00	6.33	25.90
1280.00	6.08	26.29
1300.00	6.17	26.33
1320.00	6.18	26.45
1340.00	5.68	27.08
1360.00	5.48	27.41
1380.00	5.77	27.25
1400.00	5.62	27.52
1420.00	5.74	27.53
1440.00	5.92	27.47
1460.00	5.77	27.73
1480.00	5.73	27.90
1500.00	5.67	28.07
1550.00	5.26	28.76
1600.00	4.34	29.96
1650.00	4.09	30.48
1700.00	4.14	30.69
1750.00	4.09	30.99
1800.00	4.29	31.04
1850.00	4.71	30.86
1900.00	4.01	31.79
1950.00	2.98	33.04
2000.00	1.43	34.81

