

# SCHWARZBECK MESS - ELEKTRONIK

An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

## Logarithmisch Periodische Breitbandantenne VULP 9118 E special (mit Endscheiben) Logarithmic Periodic Broadband Antenna VULP 9118 E special (with End Discs) 75 - 1500 (2000) MHz

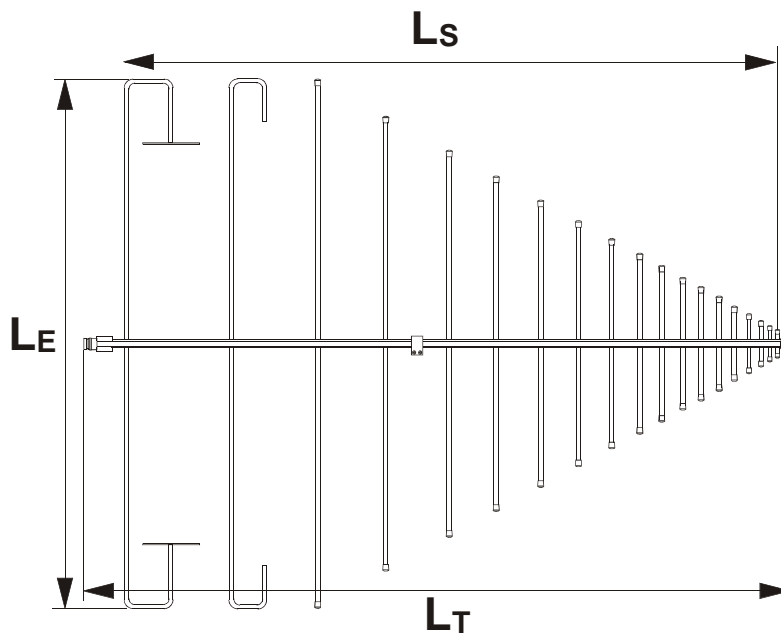
Frequency	Distance	Wavelength	Attenuation	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
Frequenz	Abstand	Wellenlänge	Dämpfung	Isotropgewinn	Gewinn über Dipol	Ant.-Wandlungsmaß
MHz	m	m	dB	dBi	dBd	dB/m
60.00	7.00	5.00	27.76	-1.43	-3.58	7.21
65.00	7.00	4.62	23.71	0.94	-1.21	5.53
70.00	7.00	4.29	21.71	2.27	0.12	4.86
75.00	7.00	4.00	19.68	3.58	1.43	4.14
80.00	7.00	3.75	16.74	5.33	3.18	2.95
85.00	6.79	3.53	16.98	5.34	3.19	3.47
90.00	6.60	3.33	17.14	5.39	3.24	3.92
95.00	6.43	3.16	17.67	5.24	3.09	4.53
100.00	6.27	3.00	17.60	5.39	3.24	4.83
110.00	6.01	2.73	17.33	5.76	3.60	5.29
120.00	5.79	2.50	17.74	5.77	3.62	6.03
130.00	5.60	2.31	17.44	6.12	3.97	6.38
140.00	5.44	2.14	17.12	6.48	4.33	6.66
150.00	5.30	2.00	17.06	6.69	4.54	7.05
160.00	5.18	1.88	16.99	6.91	4.76	7.39
170.00	5.07	1.76	16.91	7.12	4.97	7.71
180.00	4.98	1.67	17.07	7.21	5.06	8.12
190.00	4.89	1.58	17.71	7.05	4.90	8.75
200.00	4.82	1.50	17.57	7.27	5.12	8.97
220.00	4.68	1.36	18.53	7.08	4.93	9.98
240.00	4.57	1.25	18.89	7.18	5.03	10.65
260.00	4.48	1.15	19.55	7.11	4.96	11.41
280.00	4.40	1.07	20.74	6.76	4.60	12.41
300.00	4.33	1.00	20.86	6.93	4.78	12.83
325.00	4.26	0.92	21.74	6.76	4.61	13.70
350.00	4.19	0.86	22.39	6.69	4.54	14.41
375.00	4.14	0.80	22.70	6.77	4.62	14.93
400.00	4.09	0.75	22.82	6.95	4.80	15.31
425.00	4.04	0.71	23.57	6.79	4.63	16.00
450.00	4.01	0.67	23.85	6.86	4.71	16.43
475.00	3.97	0.63	24.90	6.53	4.38	17.22
500.00	3.94	0.60	24.67	6.83	4.68	17.37
550.00	3.89	0.55	25.16	6.94	4.79	18.09
600.00	3.84	0.50	26.09	6.80	4.65	18.98
650.00	3.81	0.46	26.97	6.67	4.52	19.81
700.00	3.77	0.43	27.36	6.76	4.61	20.36
750.00	3.75	0.40	27.52	6.95	4.80	20.77
800.00	3.72	0.38	28.64	6.64	4.49	21.64
850.00	3.70	0.35	28.50	6.95	4.80	21.86
900.00	3.68	0.33	29.69	6.58	4.43	22.73
950.00	3.67	0.32	30.68	6.30	4.15	23.47
1000.00	3.65	0.30	30.15	6.77	4.62	23.45
Frequency	Distance	Wavelength	Attenuation	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
Frequenz	Abstand	Wellenlänge	Dämpfung	Isotropgewinn	Gewinn über Dipol	Ant.-Wandlungsmaß
MHz	m	m	dB	dBi	dBd	dB/m

# SCHWARZBECK MESS - ELEKTRONIK

An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

## Logarithmisch Periodische Breitbandantenne VULP 9118 E special (mit Endscheiben) Logarithmic Periodic Broadband Antenna VULP 9118 E special (with End Discs) 75 - 1500 (2000) MHz

Frequency	Distance	Wavelength	Attenuation	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
Frequenz	Abstand	Wellenlänge	Dämpfung	Isotrop-gewinn	Gewinn über Dipol	Ant.-Wandlungsmaß
MHz	m	m	dB	dBi	dBd	dB/m
1100.00	3.62	0.27	31.63	6.41	4.26	24.64
1200.00	3.60	0.25	32.23	6.46	4.31	25.34
1300.00	3.58	0.23	33.46	6.17	4.02	26.33
1400.00	3.57	0.21	35.17	5.62	3.47	27.52
1500.00	3.55	0.20	35.64	5.67	3.52	28.07
1600.00	3.54	0.19	38.82	4.34	2.19	29.96
1700.00	3.53	0.18	39.73	4.14	1.99	30.69
1800.00	3.52	0.17	39.91	4.29	2.13	31.04
1900.00	3.51	0.16	40.91	4.01	1.86	31.79
2000.00	3.50	0.15	46.49	1.43	-0.72	34.81
MHz	m	m	dB	dBi	dBd	dB/m



### Technische Daten:

Elementlänge LE max.: 1400 mm  
 Elementzahl: 22  
 Gesamtlänge LT: 1865 mm  
 Strukturlänge LS: 1735 mm  
 Material: Aluminium  
 Gewicht: 4.5 kg  
 Befestigung: 3/8", M12

### Empfohlenes Zubehör:

Mast, Stativ: AM 9144  
 Kippgelenk: KG 9201  
 Feldstärkeüberwachung: VUFM 1670  
 Anzeigegerät: VUFM 1671

### Specification:

Element length LE max.:  
 Number of Elements:  
 Total Length LT:  
 Structure Length LS:  
 Material:  
 Weight:  
 Mounting:

### Recommended Accessories:

Mast, Tripod:  
 Swivel Adapter:  
 Field strength monitoring:  
 Display Unit:

# SCHWARZBECK MESS - ELEKTRONIK

An der Klinge 29 D-69250 Schönau Tel.: 06228/1001 Fax.: (49)6228/1003

**Logarithmisch Periodische Breitbandantenne VULP 9118 E special (mit Endscheiben)**  
*Logarithmic Periodic Broadband Antenna VULP 9118 E special (with End Discs)*  
**75 - 1500 (2000) MHz**

