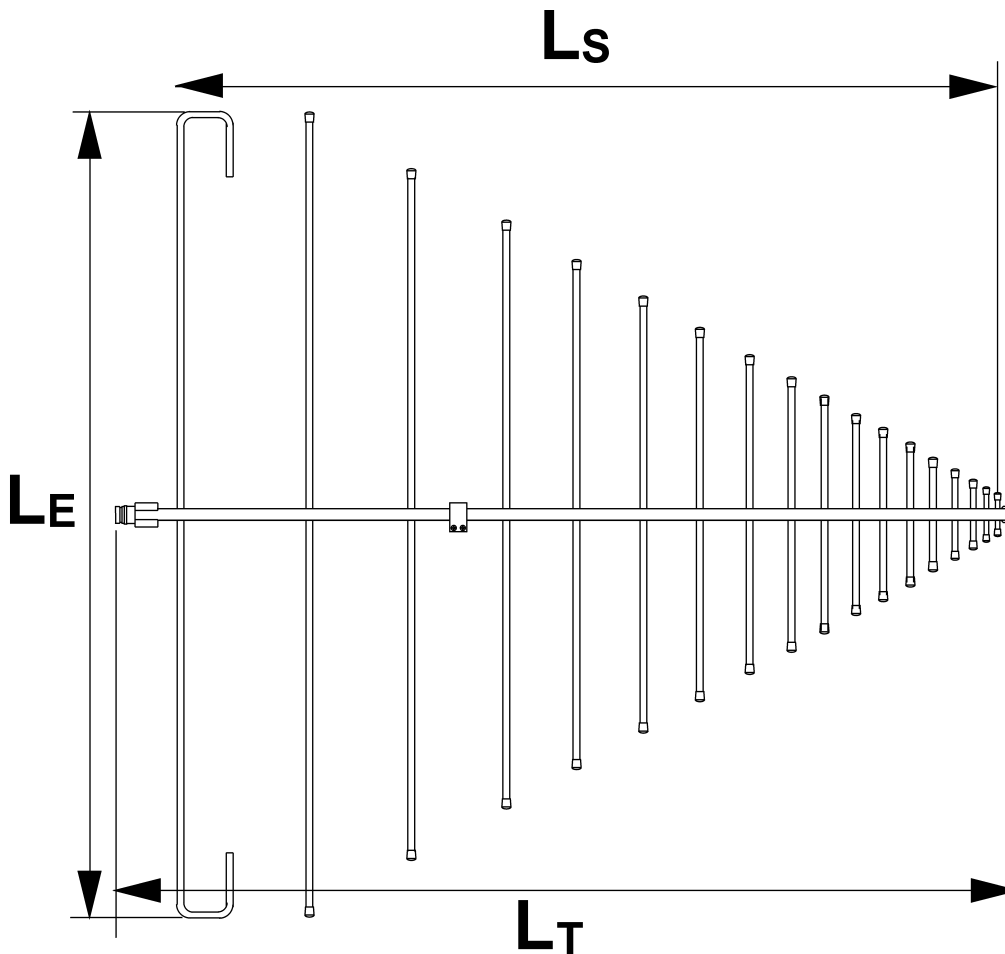


# SCHWARZBECK MESS - ELEKTRONIK

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

## Logarithmisch Periodische Breitbandantenne VULP 9118 D special *Logarithmic Periodic Broadband Antenna VULP 9118 D special*



### Technische Daten:

Frequenzbereich nominell:	90-1500 MHz
Nutzbarer Frequenzbereich:	80-1800 MHz
Gewinn:	typ. 6.5 dBi
Antennen-Wandlungsmaß:	4...27 dB/m
Unterdrückung der Kreuzpolarisation:	> 20 dB (f < 1 GHz)
Eingangsleistung:	1 kW max.
Elementlänge LE max.:	1400 mm
Elementzahl:	21
Gesamtlänge LT:	1590 mm
Strukturlänge LS:	1460 mm
Material:	Aluminium
Gewicht:	3.2 kg
Befestigung:	3/8", M12

### Empfohlenes Zubehör:

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

### Specification:

Nominal Frequency Range:	90-1500 MHz
Useable Frequency Range:	80-1800 MHz
Gain:	typ. 6.5 dBi
Antenna Factor:	4...27 dB/m
Cross Polar Rejection:	> 20 dB (f < 1 GHz)
Input Power:	1 kW max.
Element length LE max.:	1400 mm
Number of Elements:	21
Total Length LT:	1590 mm
Structure Length LS:	1460 mm
Material:	Aluminium
Weight:	3.2 kg
Mounting:	3/8", M12

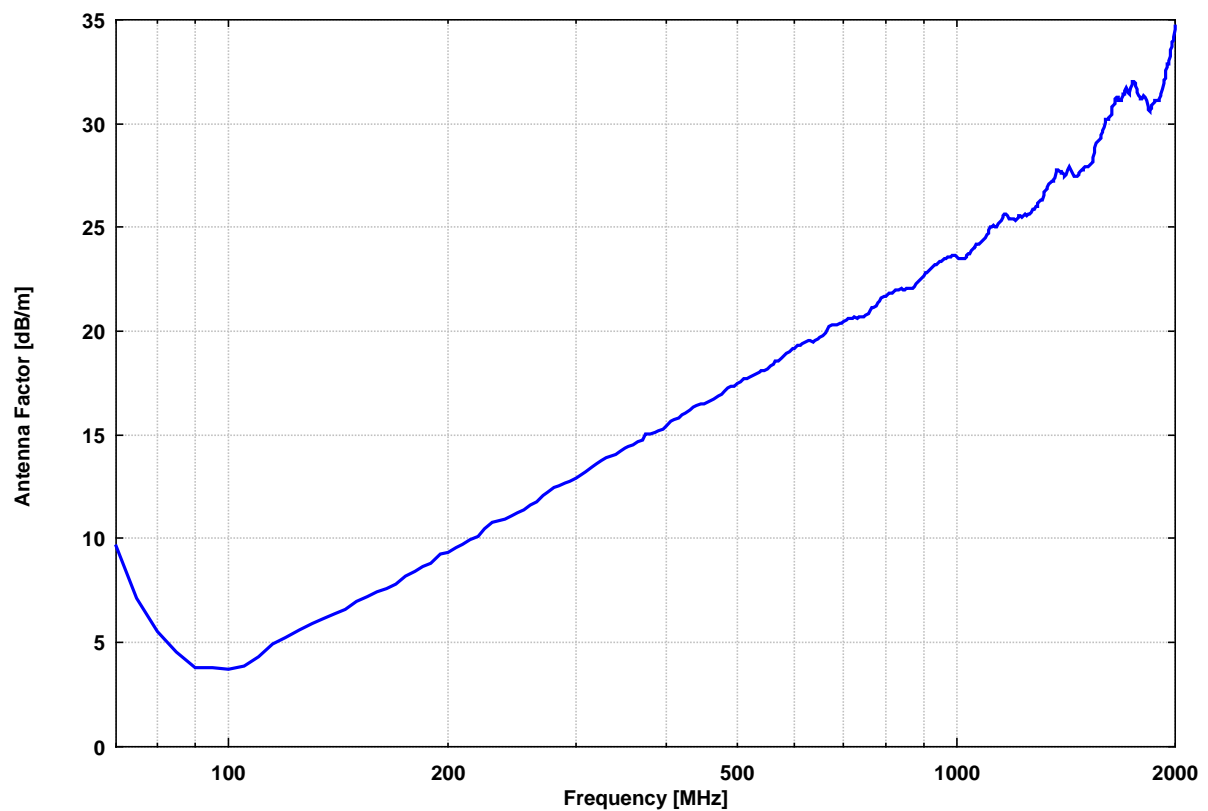
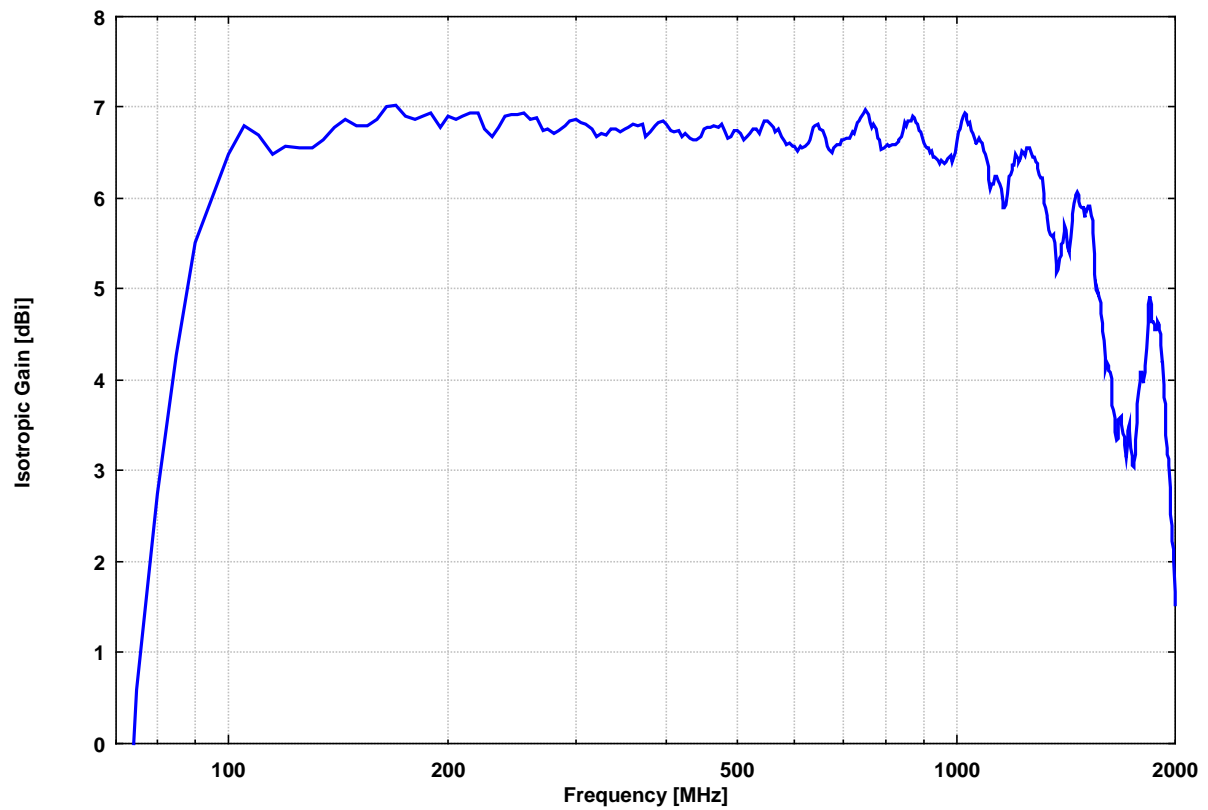
### Recommended Accessories:

Mast, Tripod:	AM 9144
Swivel Adapter:	KG 9201
Field strength monitoring:	VUFM 1670
Display Unit:	VUFM 1671

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## Logarithmisch Periodische Breitbandantenne VULP 9118 D special *Logarithmic Periodic Broadband Antenna VULP 9118 D special*

Frequency	Isotropic gain (Farfield)	Antenna factor (Farfield)
[MHz]	[dBi]	[dB/m]
70.00	-2.56	9.68
75.00	0.59	7.13
80.00	2.74	5.54
85.00	4.27	4.54
90.00	5.51	3.79
95.00	6.02	3.75
100.00	6.49	3.73
105.00	6.80	3.84
110.00	6.70	4.35
115.00	6.48	4.95
120.00	6.58	5.22
125.00	6.56	5.60
130.00	6.56	5.94
135.00	6.65	6.18
140.00	6.78	6.36
145.00	6.87	6.58
150.00	6.80	6.94
155.00	6.80	7.23
160.00	6.87	7.43
165.00	7.00	7.57
170.00	7.03	7.80
175.00	6.91	8.17
180.00	6.87	8.46
185.00	6.90	8.66
190.00	6.95	8.85
195.00	6.78	9.24
200.00	6.91	9.33
205.00	6.88	9.58
210.00	6.90	9.76
215.00	6.94	9.93
220.00	6.94	10.13
225.00	6.77	10.49
230.00	6.68	10.77
235.00	6.78	10.86
240.00	6.90	10.92
245.00	6.93	11.07
250.00	6.93	11.25
255.00	6.94	11.41
260.00	6.87	11.65
265.00	6.89	11.79
270.00	6.75	12.10
275.00	6.76	12.25
280.00	6.71	12.45
285.00	6.74	12.58
290.00	6.80	12.67
295.00	6.86	12.76
300.00	6.87	12.89
305.00	6.83	13.08
310.00	6.81	13.24

Frequency	Isotropic gain (Farfield)	Antenna factor (Farfield)
[MHz]	[dBi]	[dB/m]
315.00	6.76	13.43
320.00	6.69	13.63
325.00	6.71	13.75
330.00	6.70	13.89
335.00	6.77	13.95
340.00	6.76	14.09
345.00	6.73	14.25
350.00	6.76	14.34
355.00	6.79	14.43
360.00	6.81	14.54
365.00	6.80	14.67
370.00	6.82	14.76
375.00	6.68	15.02
380.00	6.73	15.09
385.00	6.80	15.13
390.00	6.83	15.21
395.00	6.85	15.30
400.00	6.81	15.45
405.00	6.74	15.63
410.00	6.73	15.75
415.00	6.74	15.84
420.00	6.69	15.99
425.00	6.71	16.08
430.00	6.66	16.23
435.00	6.64	16.35
440.00	6.64	16.45
445.00	6.68	16.51
450.00	6.76	16.52
455.00	6.78	16.60
460.00	6.79	16.69
465.00	6.80	16.77
470.00	6.79	16.87
475.00	6.82	16.93
480.00	6.75	17.09
485.00	6.67	17.26
490.00	6.69	17.33
495.00	6.75	17.36
500.00	6.75	17.45
520.00	6.72	17.82
540.00	6.76	18.11
560.00	6.78	18.40
580.00	6.62	18.87
600.00	6.58	19.20
620.00	6.58	19.49
640.00	6.80	19.54
660.00	6.66	19.95
680.00	6.55	20.32
700.00	6.64	20.48
720.00	6.73	20.64

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Frequency	Isotropic gain (Farfield)	Antenna factor (Farfield)
[MHz]	[dBi]	[dB/m]
740.00	6.89	20.71
760.00	6.84	21.00
780.00	6.67	21.39
800.00	6.57	21.71
820.00	6.59	21.91
840.00	6.68	22.03
860.00	6.86	22.05
880.00	6.84	22.27
900.00	6.61	22.69
920.00	6.51	22.99
940.00	6.44	23.24
960.00	6.38	23.49
980.00	6.47	23.57
1000.00	6.62	23.60
1050.00	6.75	23.89
1100.00	6.42	24.63
1150.00	6.10	25.33

Frequency	Isotropic gain (Farfield)	Antenna factor (Farfield)
[MHz]	[dBi]	[dB/m]
1200.00	6.37	25.43
1250.00	6.55	25.61
1300.00	6.27	26.23
1350.00	5.58	27.25
1400.00	5.51	27.63
1450.00	5.94	27.51
1500.00	5.79	27.95
1550.00	5.17	28.86
1600.00	4.24	30.06
1650.00	3.58	30.99
1700.00	3.37	31.46
1750.00	3.04	32.04
1800.00	4.09	31.24
1850.00	4.83	30.73
1900.00	4.56	31.24
1950.00	3.18	32.84
2000.00	1.53	34.71