

# SCHWARZBECK MESS - ELEKTRONIK

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

## VULP 9118 G spezial Korrekturdaten für kurze Meßentfernung Correction for Short Measuring Distance

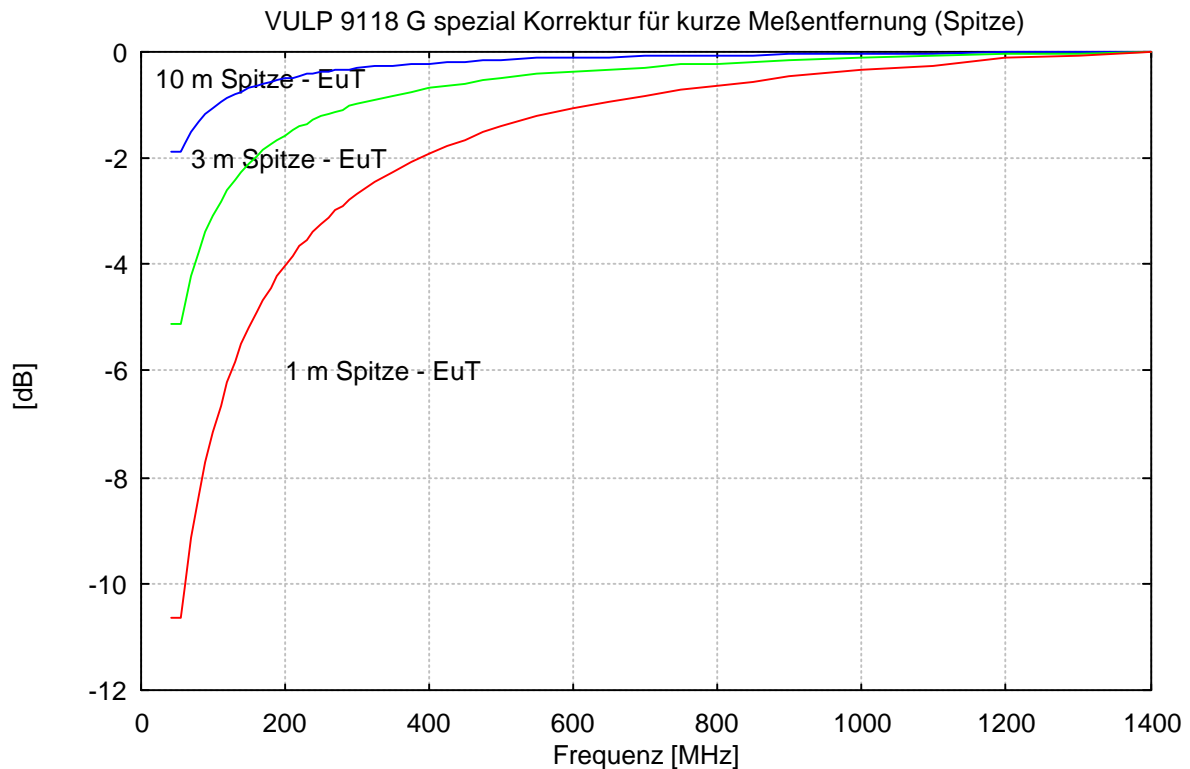
Frequency	Gain(Iso.)	Ant.-Fact k	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
Frequenz	Gewinn	Ant.Faktor	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
MHz	dBi	dB/m	dBi	dB/m	dBi	dB/m	dBi	dB/m
42.0	-3.78	6.46	-5.65	8.33	-8.89	11.57	-14.41	17.09
45.0	0.47	2.81	-1.40	4.68	-4.64	7.92	-10.16	13.44
50.0	2.14	2.06	0.27	3.93	-2.97	7.16	-8.49	12.69
55.0	3.96	1.07	2.09	2.94	-1.15	6.17	-6.67	11.70
60.0	5.41	0.37	3.69	2.09	0.65	5.13	-4.67	10.45
70.0	5.78	1.34	4.29	2.83	1.58	5.54	-3.36	10.48
80.0	6.42	1.86	5.12	3.17	2.67	5.61	-1.95	10.23
90.0	6.22	3.09	5.06	4.25	2.83	6.47	-1.49	10.80
100.0	6.32	3.90	5.28	4.94	3.24	6.98	-0.82	11.04
110.0	6.69	4.36	5.74	5.30	3.87	7.18	0.04	11.01
120.0	6.43	5.37	5.57	6.24	3.83	7.97	0.22	11.59
130.0	6.65	5.85	5.85	6.65	4.24	8.26	0.80	11.69
140.0	6.68	6.46	5.94	7.20	4.43	8.71	1.17	11.97
150.0	6.52	7.22	5.84	7.91	4.42	9.32	1.32	12.42
160.0	6.74	7.57	6.10	8.20	4.78	9.52	1.83	12.47
170.0	6.74	8.09	6.14	8.68	4.89	9.93	2.08	12.75
180.0	6.60	8.72	6.04	9.28	4.86	10.46	2.17	13.15
190.0	6.56	9.24	6.03	9.76	4.92	10.88	2.34	13.45
200.0	6.69	9.55	6.19	10.05	5.13	11.11	2.66	13.58
210.0	6.79	9.88	6.32	10.34	5.32	11.35	2.96	13.71
220.0	6.79	10.28	6.35	10.72	5.39	11.68	3.12	13.94
230.0	6.81	10.65	6.39	11.07	5.47	11.98	3.29	14.17
240.0	6.81	11.02	6.41	11.42	5.53	12.29	3.43	14.39
250.0	6.81	11.37	6.43	11.75	5.60	12.58	3.58	14.60
260.0	6.75	11.77	6.38	12.14	5.59	12.93	3.64	14.88
270.0	6.72	12.12	6.37	12.48	5.61	13.24	3.74	15.11
280.0	6.71	12.45	6.37	12.79	5.64	13.53	3.82	15.34
290.0	6.66	12.81	6.34	13.13	5.64	13.83	3.89	15.57
300.0	6.63	13.13	6.32	13.44	5.65	14.12	3.96	15.80
325.0	6.59	13.87	6.31	14.15	5.70	14.76	4.15	16.31
350.0	6.65	14.46	6.40	14.70	5.84	15.27	4.40	16.70
375.0	6.55	15.15	6.32	15.38	5.80	15.90	4.47	17.23
400.0	6.62	15.64	6.41	15.85	5.94	16.32	4.72	17.54
425.0	6.58	16.21	6.39	16.40	5.95	16.84	4.82	17.97
450.0	6.51	16.78	6.33	16.95	5.92	17.36	4.85	18.43
475.0	6.42	17.33	6.26	17.50	5.89	17.87	4.91	18.84
500.0	6.43	17.77	6.28	17.92	5.94	18.26	5.03	19.17
550.0	6.55	18.47	6.42	18.61	6.13	18.90	5.34	19.69
600.0	6.36	19.43	6.25	19.54	5.99	19.79	5.30	20.48
<b>Bezugs-</b> <b>punkt:</b>	<b>Strahlungs-</b> <b>zone</b>	<b>Strahlungs-</b> <b>zone</b>	<b>Spitze der Log. - Per. Struktur</b>					
<b>Reference</b> <b>Point:</b>	<b>Radiating</b> <b>Zone</b>	<b>Radiating</b> <b>Zone</b>	<b>Tip of Log. - Per. Structure</b>					

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Frequency	Gain (Iso.)	Ant.-Fact k	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
Frequenz	Gewinn	Ant. Faktor	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
MHz	dBi	dB/m	dBi	dB/m	dBi	dB/m	dBi	dB/m
600.0	6.36	19.43	6.25	19.54	5.99	19.79	5.30	20.48
650.0	6.39	20.08	6.29	20.19	6.06	20.42	5.44	21.03
700.0	6.41	20.71	6.32	20.80	6.13	21.00	5.58	21.54
750.0	6.52	21.20	6.45	21.27	6.28	21.44	5.81	21.91
800.0	6.18	22.10	6.12	22.17	5.97	22.32	5.55	22.73
850.0	6.34	22.47	6.28	22.52	6.15	22.65	5.79	23.02
900.0	6.30	23.00	6.25	23.05	6.14	23.16	5.83	23.47
1000.0	6.15	24.07	6.12	24.10	6.03	24.19	5.81	24.41
1100.0	5.72	25.32	5.69	25.35	5.63	25.41	5.46	25.58
1200.0	5.46	26.34	5.45	26.36	5.42	26.39	5.33	26.47
1300.0	5.28	27.22	5.27	27.23	5.25	27.25	5.19	27.31
1400.0	4.57	28.57	4.57	28.57	4.57	28.57	4.57	28.57
<b>Bezugs-</b> <b>punkt:</b>	<b>Strahlungs-</b> <b>zone</b>	<b>Strahlungs-</b> <b>zone</b>	<b>Spitze der Log. - Per. Struktur</b>					
<b>Reference</b> <b>Point:</b>	<b>Radiating</b> <b>Zone</b>	<b>Radiating</b> <b>Zone</b>	<b>Tip of Log. - Per. Structure</b>					



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Frequency	Gain (Iso.)	Ant.-Fact k	gi (10 m)	k (10m)	gi (3m)	k (3m)
Frequenz	Gewinn	Ant. Faktor	gi (10 m)	k (10m)	gi (3m)	k (3m)
MHz	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m	dB <i>i</i>	dB/m
42.0	-3.78	6.46	-4.77	7.45	-6.71	9.40
45.0	0.47	2.81	-0.52	3.80	-2.46	5.75
50.0	2.14	2.06	1.15	3.05	-0.79	4.99
55.0	3.96	1.07	2.97	2.06	1.03	4.00
60.0	5.41	0.37	4.59	1.20	2.92	2.86
70.0	5.78	1.34	5.22	1.91	4.03	3.09
80.0	6.42	1.86	6.06	2.22	5.27	3.01
90.0	6.22	3.09	6.02	3.29	5.56	3.74
100.0	6.32	3.90	6.25	3.97	6.09	4.13
110.0	6.69	4.36	6.73	4.32	6.82	4.23
120.0	6.43	5.37	6.56	5.24	6.88	4.93
130.0	6.65	5.85	6.86	5.64	7.36	5.14
140.0	6.68	6.46	6.95	6.19	7.63	5.52
150.0	6.52	7.22	6.85	6.89	7.68	6.06
160.0	6.74	7.57	7.13	7.18	8.10	6.20
170.0	6.74	8.09	7.17	7.66	8.27	6.56
180.0	6.60	8.72	7.07	8.25	8.29	7.04
190.0	6.56	9.24	7.07	8.73	8.39	7.40
200.0	6.69	9.55	7.23	9.01	8.65	7.59
210.0	6.79	9.88	7.36	9.30	8.87	7.79
220.0	6.79	10.28	7.39	9.68	8.99	8.08
230.0	6.81	10.65	7.44	10.02	9.10	8.36
240.0	6.81	11.02	7.46	10.37	9.19	8.63
250.0	6.81	11.37	7.48	10.70	9.29	8.89
260.0	6.75	11.77	7.44	11.08	9.31	9.21
270.0	6.72	12.12	7.43	11.42	9.35	9.49
280.0	6.71	12.45	7.43	11.73	9.40	9.76
290.0	6.66	12.81	7.40	12.06	9.43	10.03
300.0	6.63	13.13	7.39	12.38	9.46	10.30
325.0	6.59	13.87	7.38	13.08	9.56	10.89
350.0	6.65	14.46	7.47	13.63	9.75	11.35
375.0	6.55	15.15	7.39	14.31	9.75	11.95
400.0	6.62	15.64	7.49	14.77	9.93	12.33
425.0	6.58	16.21	7.47	15.32	9.97	12.82
450.0	6.51	16.78	7.41	15.87	9.97	13.32
475.0	6.42	17.33	7.34	16.41	9.96	13.79
500.0	6.43	17.77	7.36	16.83	10.04	14.16
550.0	6.55	18.47	7.51	17.52	10.27	14.76
600.0	6.36	19.43	7.34	18.44	10.17	15.61
<b>Bezugs- punkt:</b>	<b>Strahlungs- zone</b>	<b>Strahlungs- zone</b>	<b>Mitte der Log. - Per. Struktur</b>			
<b>Reference Point:</b>	<b>Radiating Zone</b>	<b>Radiating Zone</b>	<b>Center of Log. - Per. Structure</b>			

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650.0	6.39	20.08	7.38	19.10	10.27	16.21
700.0	6.41	20.71	7.42	19.70	10.35	16.77
750.0	6.52	21.20	7.54	20.18	10.53	17.19
800.0	6.18	22.10	7.21	21.07	10.24	18.04
850.0	6.34	22.47	7.38	21.43	10.45	18.36
900.0	6.30	23.00	7.35	21.95	10.45	18.85
1000.0	6.15	24.07	7.22	23.00	10.37	19.85
1100.0	5.72	25.32	6.80	24.25	9.99	21.06
1200.0	5.46	26.34	6.55	25.25	9.80	22.00
1300.0	5.28	27.22	6.38	26.12	9.64	22.85
1400.0	4.57	28.57	5.68	27.47	8.98	24.16
<b>Bezugs-</b> <b>punkt:</b>	<b>Strahlungs-</b> <b>zone</b>	<b>Strahlungs-</b> <b>zone</b>	<b>Mitte der Log. - Per. Struktur</b>			
<b>Reference</b> <b>Point:</b>	<b>Radiating</b> <b>Zone</b>	<b>Radiating</b> <b>Zone</b>	<b>Center of Log. - Per. Structure</b>			

