

SCHWARZBECK MESS - ELEKTRONIK

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

VULP 9118 E-special Correction for Short Measuring Distance Tip-EuT

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
50.0	-13.11	17.31	-14.53	18.72	-17.14	21.34	-21.96	26.16
60.0	-2.99	8.77	-4.41	10.19	-7.02	12.80	-11.84	17.62
70.0	3.56	3.56	2.14	4.98	-0.47	7.59	-5.29	12.41
75.0	4.58	3.14	3.16	4.56	0.55	7.17	-4.27	11.99
80.0	5.05	3.23	3.69	4.60	1.15	7.13	-3.58	11.86
90.0	5.78	3.52	4.56	4.75	2.24	7.07	-2.21	11.52
100.0	6.15	4.07	5.05	5.17	2.91	7.31	-1.29	11.51
110.0	6.29	4.76	5.29	5.76	3.32	7.73	-0.66	11.70
120.0	6.20	5.60	5.28	6.53	3.44	8.36	-0.33	12.13
130.0	6.56	5.94	5.71	6.79	4.00	8.50	0.41	12.09
140.0	6.83	6.31	6.04	7.10	4.43	8.71	1.01	12.14
150.0	6.81	6.93	6.07	7.67	4.56	9.18	1.30	12.44
160.0	6.80	7.51	6.11	8.19	4.68	9.62	1.55	12.75
170.0	6.80	8.03	6.15	8.68	4.80	10.02	1.82	13.01
180.0	6.73	8.59	6.12	9.21	4.84	10.49	1.97	13.36
190.0	6.71	9.09	6.13	9.66	4.91	10.88	2.15	13.64
200.0	6.68	9.56	6.13	10.11	4.96	11.28	2.30	13.94
220.0	6.77	10.30	6.27	10.80	5.21	11.86	2.74	14.33
240.0	6.82	11.01	6.37	11.46	5.39	12.43	3.10	14.73
260.0	6.65	11.87	6.23	12.29	5.32	13.20	3.16	15.36
280.0	6.64	12.53	6.25	12.91	5.41	13.75	3.38	15.78
300.0	6.70	13.07	6.34	13.42	5.56	14.20	3.65	16.11
325.0	6.54	13.91	6.21	14.25	5.49	14.97	3.71	16.75
350.0	6.55	14.55	6.25	14.85	5.58	15.52	3.91	17.19
375.0	6.68	15.02	6.40	15.30	5.77	15.93	4.20	17.50
400.0	6.73	15.53	6.47	15.79	5.89	16.37	4.42	17.84
425.0	6.58	16.21	6.34	16.45	5.79	17.00	4.40	18.39
450.0	6.52	16.76	6.29	16.99	5.78	17.50	4.48	18.81
475.0	6.58	17.18	6.37	17.39	5.88	17.87	4.64	19.11
500.0	6.52	17.68	6.32	17.88	5.86	18.33	4.69	19.51
550.0	6.59	18.44	6.41	18.62	6.00	19.02	4.93	20.09
600.0	6.47	19.31	6.31	19.48	5.94	19.85	4.96	20.82
700.0	6.55	20.57	6.42	20.71	6.11	21.01	5.30	21.82
800.0	6.41	21.87	6.30	21.98	6.04	22.24	5.35	22.93
900.0	6.50	22.80	6.40	22.90	6.19	23.12	5.59	23.71
1000.0	6.36	23.86	6.28	23.94	6.09	24.13	5.57	24.65
1200.0	5.76	26.04	5.70	26.10	5.56	26.24	5.17	26.63
1400.0	4.91	28.24	4.86	28.28	4.75	28.39	4.44	28.70
1600.0	3.54	30.76	3.50	30.80	3.41	30.89	3.16	31.14
1800.0	2.86	32.47	2.83	32.50	2.76	32.57	2.56	32.76
2000.0	1.69	34.55	1.67	34.57	1.62	34.62	1.48	34.77
Bezugs- punkt:	Strahlungs- zone	Strahlungs- zone	Spitze der Log. - Per. Struktur					
Reference Point:	Radiating Zone	Radiating Zone	Tip of Log. - Per. Structure					

SCHWARZBECK MESS - ELEKTRONIK

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

VULP 9118 E-special Correction for Short Measuring Distance Center-EuT

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	dBi	dB/m	dBi	dB/m	dBi	dB/m
50.0	-13.11	17.31	-13.85	18.05	-15.36	19.55
60.0	-2.99	8.77	-3.73	9.51	-5.24	11.02
70.0	3.56	3.56	2.82	4.30	1.31	5.81
75.0	4.58	3.14	3.84	3.88	2.33	5.39
80.0	5.05	3.23	4.37	3.91	2.96	5.32
90.0	5.78	3.52	5.25	4.05	4.14	5.17
100.0	6.15	4.07	5.75	4.47	4.89	5.33
110.0	6.29	4.76	6.00	5.05	5.36	5.69
120.0	6.20	5.60	6.00	5.81	5.54	6.26
130.0	6.56	5.94	6.43	6.06	6.15	6.35
140.0	6.83	6.31	6.77	6.37	6.63	6.51
150.0	6.81	6.93	6.81	6.93	6.81	6.93
160.0	6.80	7.51	6.85	7.45	6.96	7.34
170.0	6.80	8.03	6.90	7.93	7.12	7.70
180.0	6.73	8.59	6.87	8.46	7.19	8.13
190.0	6.71	9.09	6.88	8.91	7.29	8.50
200.0	6.68	9.56	6.88	9.36	7.37	8.87
220.0	6.77	10.30	7.03	10.04	7.67	9.40
240.0	6.82	11.01	7.13	10.69	7.90	9.93
260.0	6.65	11.87	7.00	11.52	7.86	10.66
280.0	6.64	12.53	7.02	12.14	7.98	11.18
300.0	6.70	13.07	7.11	12.65	8.16	11.60
325.0	6.54	13.91	6.99	13.47	8.12	12.33
350.0	6.55	14.55	7.02	14.08	8.24	12.86
375.0	6.68	15.02	7.18	14.52	8.46	13.24
400.0	6.73	15.53	7.25	15.01	8.60	13.67
425.0	6.58	16.21	7.12	15.67	8.52	14.27
450.0	6.52	16.76	7.08	16.21	8.53	14.75
475.0	6.58	17.18	7.15	16.60	8.65	15.11
500.0	6.52	17.68	7.10	17.10	8.64	15.56
550.0	6.59	18.44	7.20	17.83	8.80	16.22
600.0	6.47	19.31	7.10	18.69	8.76	17.02
700.0	6.55	20.57	7.21	19.91	8.97	18.15
800.0	6.41	21.87	7.09	21.19	8.93	19.35
900.0	6.50	22.80	7.20	22.10	9.10	20.21
1000.0	6.36	23.86	7.07	23.15	9.01	21.21
1200.0	5.76	26.04	6.50	25.31	8.51	23.29
1400.0	4.91	28.24	5.66	27.48	7.72	25.42
1600.0	3.54	30.76	4.30	30.00	6.39	27.91
1800.0	2.86	32.47	3.63	31.69	5.75	29.57
2000.0	1.69	34.55	2.47	33.77	4.62	31.62
Bezugs- punkt:	Strahlungs- zone	Strahlungs- zone	Mitte der Log. - Per. Struktur			
Reference Point:	Radiating Zone	Radiating Zone	Center of Log. - Per. Structure			

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