

# SCHWARZBECK MESS - ELEKTRONIK

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

## VULB 9161

### 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
30.0	-10.07	9.83	-10.72	10.48	-12.08	11.84	-15.08	14.84
40.0	-8.47	10.73	-9.12	11.38	-10.48	12.74	-13.48	15.74
50.0	-5.85	10.05	-6.50	10.70	-7.86	12.06	-10.86	15.06
60.0	-3.71	9.49	-4.36	10.15	-5.72	11.50	-8.72	14.50
70.0	0.66	6.46	0.01	7.11	-1.35	8.47	-4.35	11.47
80.0	0.74	7.54	0.09	8.19	-1.27	9.55	-4.27	12.55
90.0	-0.65	9.95	-1.30	10.61	-2.66	11.96	-5.66	14.96
100.0	-0.59	10.81	-1.24	11.46	-2.60	12.82	-5.60	15.82
110.0	0.22	10.82	-0.43	11.48	-1.79	12.84	-4.79	15.84
120.0	0.45	11.35	-0.20	12.01	-1.56	13.36	-4.56	16.36
130.0	0.05	12.45	-0.60	13.10	-1.96	14.46	-4.96	17.46
140.0	-1.13	14.27	-1.78	14.92	-3.14	16.28	-6.14	19.28
150.0	-2.23	15.97	-2.88	16.62	-4.24	17.98	-7.24	20.98
160.0	-1.85	16.15	-2.50	16.80	-3.86	18.16	-6.86	21.16
170.0	0.62	14.21	-0.03	14.86	-1.39	16.22	-4.39	19.22
180.0	2.63	12.69	2.01	13.31	0.73	14.60	-2.16	17.48
190.0	4.64	11.15	4.06	11.74	2.83	12.96	0.06	15.74
200.0	5.30	10.94	4.75	11.49	3.58	12.66	0.92	15.32
220.0	6.25	10.82	5.75	11.32	4.69	12.38	2.22	14.85
240.0	7.12	10.70	6.66	11.16	5.68	12.14	3.37	14.45
260.0	7.13	11.39	6.71	11.81	5.80	12.72	3.64	14.88
280.0	7.08	12.08	6.69	12.47	5.85	13.31	3.82	15.34
300.0	7.16	12.60	6.80	12.96	6.02	13.74	4.11	15.65
350.0	7.24	13.86	6.94	14.16	6.27	14.83	4.60	16.50
400.0	7.17	15.09	6.91	15.35	6.33	15.93	4.86	17.40
450.0	6.94	16.34	6.71	16.57	6.20	17.08	4.90	18.39
500.0	7.23	16.97	7.03	17.17	6.57	17.62	5.40	18.80
600.0	6.82	18.96	6.66	19.13	6.29	19.50	5.31	20.47
700.0	6.76	20.36	6.63	20.50	6.32	20.80	5.51	21.61
800.0	6.68	21.60	6.57	21.71	6.31	21.97	5.62	22.66
900.0	6.60	22.71	6.50	22.80	6.29	23.02	5.69	23.61
1000.0	6.57	23.65	6.49	23.73	6.30	23.92	5.78	24.44
1100.0	6.20	24.84	6.13	24.92	5.97	25.08	5.53	25.52
1200.0	6.21	25.60	6.15	25.65	6.01	25.79	5.62	26.18
1300.0	5.98	26.52	5.92	26.58	5.79	26.71	5.43	27.07
1400.0	5.31	27.83	5.26	27.88	5.15	27.99	4.84	28.30
1500.0	5.37	28.37	5.33	28.42	5.23	28.52	4.95	28.80
1600.0	4.28	30.02	4.25	30.06	4.16	30.14	3.94	30.36
1800.0	5.72	29.60	5.69	29.64	5.62	29.71	5.42	29.90
2000.0	3.91	32.33	3.89	32.35	3.84	32.40	3.70	32.55
Bezugs- punkt:	Strahlungs- zone:	Strahlungs- zone:	Spitze der Log. - Per. Struktur					
Reference Point:	Radiating Zone:	Radiating Zone:	Tip of Log. - Per. Structure					

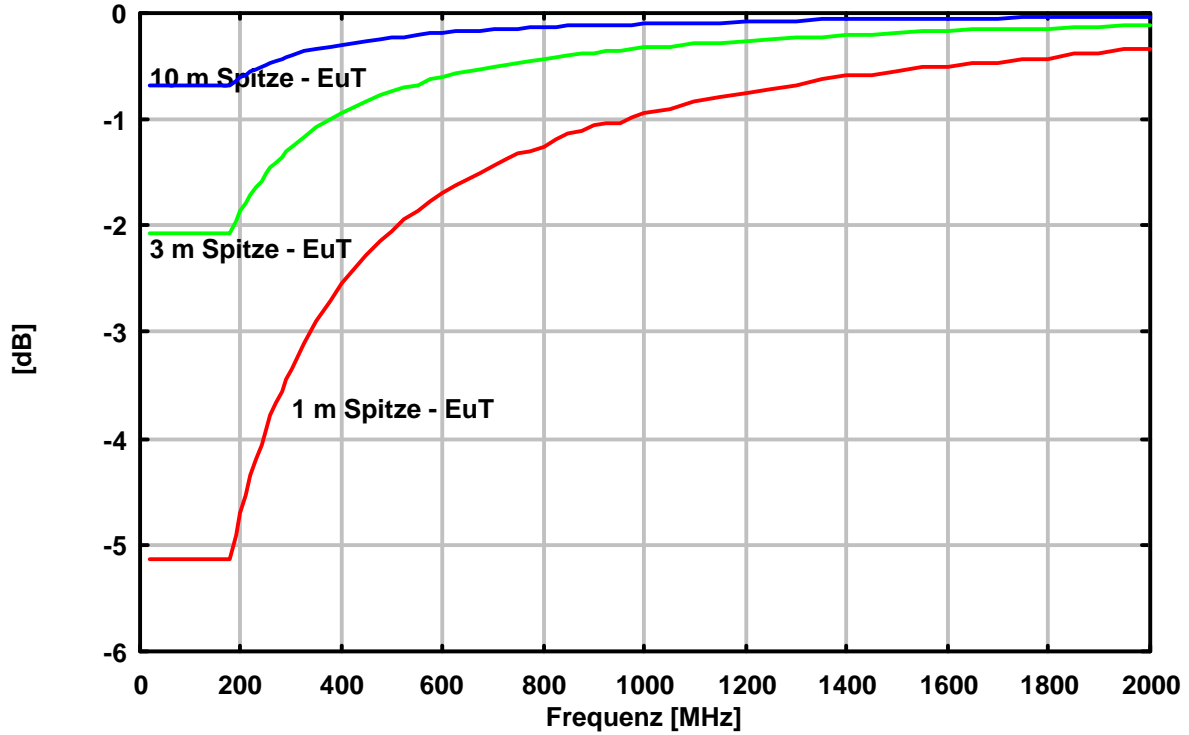
# SCHWARZBECK MESS - ELEKTRONIK

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

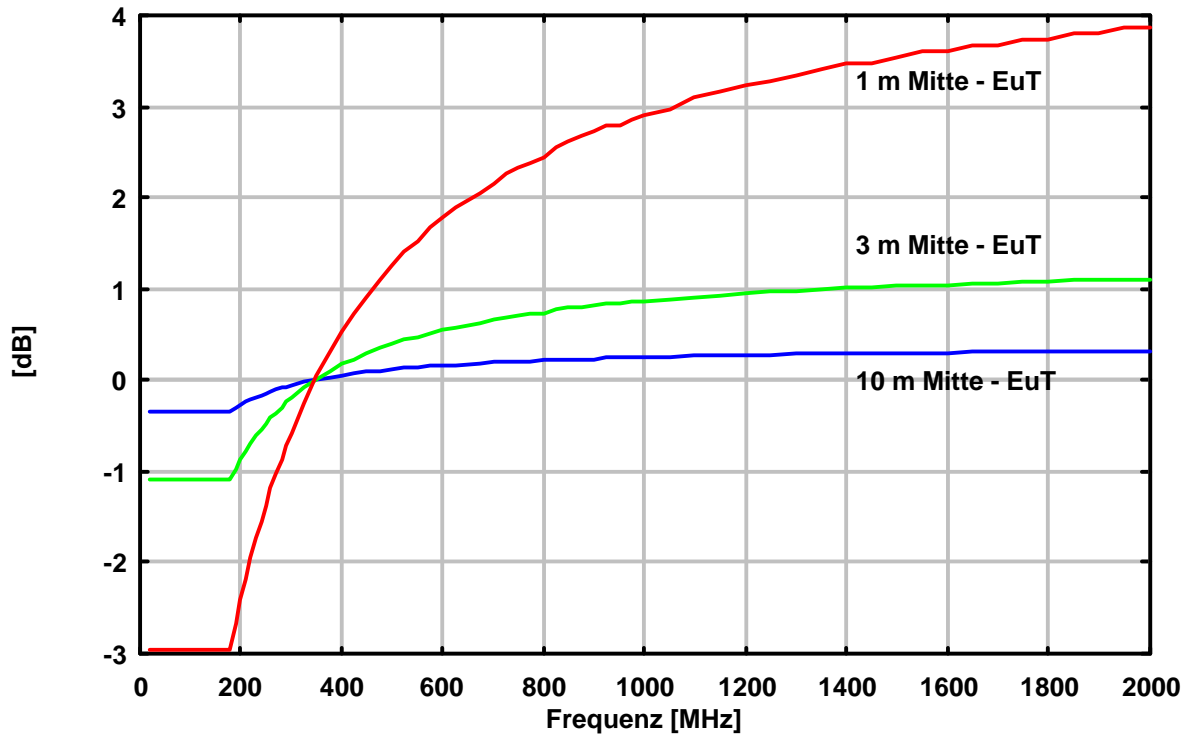
## VULB 9161

Korrekturdaten für kurze Meßentfernung  
*Correction for Short Measuring Distance*

VULB 9161 Korrektur für kurze Meßentfernung (Spitze)



VULB 9161 Korrektur für kurze Meßentfernung (Mitte)



# SCHWARZBECK MESS - ELEKTRONIK

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

## VULB 9161

### 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
30.0	-10.07	9.83	-10.40	10.16	-11.13	10.89	-12.93	12.69
40.0	-8.47	10.73	-8.80	11.06	-9.53	11.79	-11.33	13.59
50.0	-5.85	10.05	-6.18	10.38	-6.91	11.11	-8.71	12.91
60.0	-3.71	9.49	-4.04	9.83	-4.77	10.55	-6.57	12.35
70.0	0.66	6.46	0.33	6.79	-0.40	7.52	-2.20	9.32
80.0	0.74	7.54	0.41	7.87	-0.32	8.60	-2.12	10.40
90.0	-0.65	9.95	-0.98	10.29	-1.71	11.02	-3.51	12.82
100.0	-0.59	10.81	-0.92	11.14	-1.65	11.87	-3.45	13.67
110.0	0.22	10.82	-0.11	11.16	-0.84	11.89	-2.64	13.69
120.0	0.45	11.35	0.12	11.69	-0.61	12.42	-2.41	14.21
130.0	0.05	12.45	-0.28	12.78	-1.01	13.51	-2.81	15.31
140.0	-1.13	14.27	-1.46	14.60	-2.19	15.33	-3.99	17.13
150.0	-2.23	15.97	-2.56	16.30	-3.29	17.03	-5.09	18.83
160.0	-1.85	16.15	-2.18	16.48	-2.91	17.21	-4.71	19.01
170.0	0.62	14.21	0.29	14.54	-0.44	15.27	-2.24	17.07
180.0	2.63	12.69	2.34	12.99	1.68	13.64	0.06	15.27
190.0	4.64	11.15	4.38	11.42	3.80	12.00	2.33	13.47
200.0	5.30	10.94	5.07	11.17	4.56	11.68	3.26	12.98
220.0	6.25	10.82	6.08	10.99	5.69	11.38	4.67	12.40
240.0	7.12	10.70	6.99	10.83	6.70	11.13	5.91	11.92
260.0	7.13	11.39	7.04	11.48	6.83	11.69	6.26	12.26
280.0	7.08	12.08	7.02	12.14	6.89	12.27	6.53	12.63
300.0	7.16	12.60	7.13	12.63	7.07	12.69	6.90	12.86
350.0	7.24	13.86	7.27	13.83	7.34	13.76	7.55	13.55
400.0	7.17	15.09	7.24	15.02	7.42	14.84	7.94	14.32
450.0	6.94	16.34	7.05	16.23	7.31	15.97	8.10	15.18
500.0	7.23	16.97	7.37	16.83	7.69	16.51	8.69	15.51
600.0	6.82	18.96	7.00	18.79	7.42	18.36	8.76	17.02
700.0	6.76	20.36	6.97	20.16	7.47	19.65	9.09	18.04
800.0	6.68	21.60	6.91	21.37	7.47	20.81	9.30	18.99
900.0	6.60	22.71	6.85	22.46	7.45	21.85	9.45	19.85
1000.0	6.57	23.65	6.83	23.39	7.47	22.75	9.61	20.61
1200.0	6.21	25.60	6.49	25.31	7.19	24.61	9.56	22.24
1400.0	5.31	27.83	5.61	27.54	6.34	26.80	8.85	24.29
1600.0	4.28	30.02	4.59	29.71	5.36	28.94	8.02	26.28
1800.0	5.72	29.60	6.03	29.29	6.81	28.51	9.53	25.80
2000.0	3.91	32.33	4.23	32.01	5.04	31.20	7.85	28.39
Bezugs- punkt:	Strahlungs- zone:	Strahlungs- zone:	Mitte der Log. - Per. Struktur					
Reference Point:	Radiating Zone:	Radiating Zone:	Center of Log. - Per. Structure					