SCHWARZBECK MESS - ELEKTRONIK

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

VULP 9118 B Korrekturdaten für kurze Meßentfernung Spitze-Prüfling
VULP 9118 B Correction for Short Measuring Distance Tip-EuT

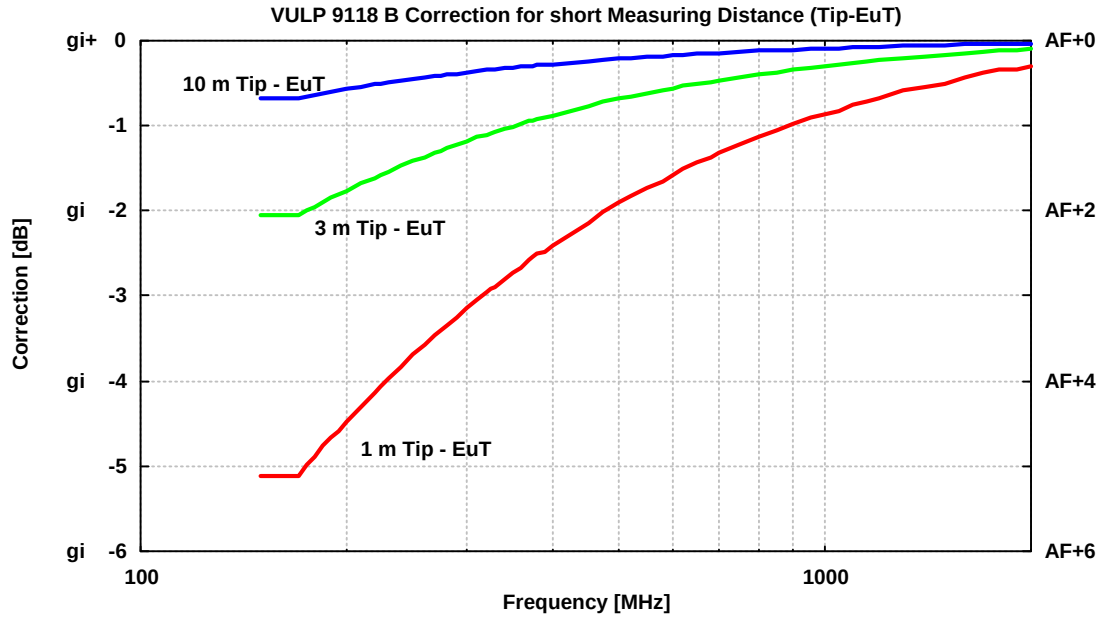
Frequency	Gain(Iso.)	Ant.-Fact k	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
Frequenz	Gewinn	Ant.Faktor	gi (10 m)	k (10m)	gi (3m)	k (3m)	gi (1m)	k (1m)
MHz	dBi	dB/m	dBi	dB/m	dBi	dB/m	dBi	dB/m
150.0	1.36	12.38	0.69	13.05	-0.69	14.44	-3.75	17.49
160.0	3.84	10.46	3.17	11.13	1.79	12.52	-1.27	15.57
170.0	5.31	9.52	4.64	10.19	3.26	11.57	0.20	14.62
175.0	5.78	9.30	5.13	9.95	3.78	11.30	0.80	14.28
180.0	6.37	8.96	5.74	9.59	4.42	10.91	1.48	13.84
185.0	6.74	8.82	6.13	9.44	4.85	10.72	1.98	13.58
190.0	6.99	8.80	6.39	9.40	5.14	10.65	2.33	13.46
195.0	7.14	8.88	6.56	9.46	5.33	10.69	2.56	13.46
200.0	7.13	9.11	6.56	9.68	5.37	10.87	2.65	13.59
210.0	6.99	9.67	6.45	10.21	5.31	11.35	2.69	13.97
220.0	7.12	9.95	6.61	10.46	5.51	11.56	2.98	14.08
225.0	7.05	10.21	6.55	10.72	5.48	11.79	2.99	14.27
230.0	7.07	10.39	6.58	10.87	5.53	11.92	3.10	14.36
240.0	6.95	10.88	6.48	11.34	5.48	12.35	3.12	14.71
250.0	7.02	11.16	6.57	11.61	5.61	12.57	3.33	14.85
260.0	7.07	11.45	6.64	11.88	5.71	12.81	3.49	15.03
270.0	6.83	12.02	6.41	12.43	5.52	13.33	3.37	15.48
275.0	6.78	12.23	6.37	12.63	5.49	13.52	3.37	15.63
280.0	6.92	12.24	6.52	12.64	5.66	13.51	3.57	15.59
290.0	7.09	12.38	6.70	12.76	5.86	13.60	3.83	15.64
300.0	7.15	12.61	6.78	12.98	5.97	13.79	4.01	15.75
310.0	7.19	12.85	6.83	13.21	6.05	14.00	4.14	15.90
320.0	7.16	13.17	6.82	13.51	6.06	14.26	4.21	16.12
325.0	7.11	13.35	6.77	13.69	6.02	14.43	4.19	16.27
330.0	7.10	13.49	6.76	13.83	6.03	14.56	4.21	16.38
340.0	7.17	13.67	6.85	14.00	6.13	14.72	4.37	16.48
350.0	7.20	13.90	6.88	14.22	6.19	14.91	4.47	16.64
360.0	7.23	14.11	6.92	14.42	6.25	15.10	4.56	16.79
370.0	7.12	14.47	6.83	14.76	6.17	15.41	4.55	17.04
375.0	7.02	14.68	6.73	14.97	6.09	15.61	4.48	17.22
380.0	7.13	14.69	6.84	14.97	6.21	15.61	4.62	17.20
390.0	7.07	14.97	6.79	15.25	6.16	15.88	4.59	17.45
400.0	7.09	15.17	6.82	15.44	6.21	16.05	4.68	17.58
425.0	6.90	15.88	6.64	16.14	6.07	16.72	4.62	18.17
450.0	6.97	16.31	6.73	16.55	6.19	17.09	4.83	18.46
475.0	7.00	16.75	6.78	16.98	6.28	17.48	4.99	18.76
500.0	7.06	17.14	6.85	17.35	6.38	17.82	5.16	19.04
520.0	7.11	17.43	6.91	17.63	6.45	18.09	5.28	19.26
550.0	6.69	18.33	6.50	18.53	6.08	18.95	4.96	20.06
580.0	6.81	18.68	6.63	18.86	6.22	19.27	5.15	20.33
600.0	6.73	19.05	6.56	19.23	6.17	19.61	5.15	20.64
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 B Korrekturdaten für kurze Meßentfernung Spitze-Prüfling
VULP 9118 B 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
620.0	6.70	19.36	6.54	19.53	6.17	19.90	5.19	20.88
650.0	6.68	19.79	6.53	19.95	6.17	20.30	5.24	21.24
680.0	6.74	20.13	6.59	20.28	6.26	20.61	5.38	21.49
700.0	6.78	20.34	6.64	20.48	6.31	20.81	5.45	21.67
750.0	6.83	20.89	6.70	21.02	6.41	21.32	5.62	22.11
800.0	6.69	21.60	6.57	21.71	6.29	21.99	5.55	22.73
850.0	6.95	21.86	6.84	21.97	6.58	22.23	5.89	22.92
900.0	6.53	22.78	6.43	22.88	6.19	23.12	5.55	23.76
950.0	6.30	23.48	6.20	23.57	5.99	23.79	5.39	24.38
1000.0	6.70	23.52	6.61	23.61	6.40	23.82	5.83	24.39
1050.0	6.67	23.98	6.58	24.06	6.39	24.26	5.84	24.80
1100.0	6.10	24.95	6.02	25.03	5.84	25.20	5.35	25.70
1150.0	5.92	25.52	5.85	25.59	5.68	25.76	5.21	26.22
1200.0	6.35	25.46	6.28	25.52	6.12	25.68	5.68	26.12
1300.0	5.90	26.60	5.84	26.66	5.70	26.80	5.31	27.19
1400.0	5.15	27.99	5.09	28.05	4.96	28.18	4.60	28.54
1500.0	5.29	28.45	5.24	28.50	5.12	28.62	4.78	28.96
1600.0	3.61	30.69	3.57	30.74	3.47	30.84	3.19	31.12
1700.0	2.89	31.94	2.85	31.98	2.76	32.07	2.51	32.32
1800.0	3.45	31.87	3.42	31.91	3.33	31.99	3.11	32.22
1900.0	2.56	33.23	2.53	33.27	2.44	33.35	2.22	33.58
2000.0	-0.45	36.69	-0.48	36.72	-0.55	36.79	-0.75	36.99
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 B Korrekturdaten für kurze Meßentfernung Mitte-Prüfling
VULP 9118 B Correction for Short Measuring Distance Center-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
150.0	1.36	12.38	1.02	12.72	0.27	13.47	-1.56	15.30
160.0	3.84	10.46	3.50	10.80	2.75	11.55	0.92	13.38
170.0	5.31	9.52	4.97	9.86	4.22	10.61	2.39	12.44
175.0	5.78	9.30	5.46	9.62	4.76	10.32	3.01	12.07
180.0	6.37	8.96	6.07	9.26	5.40	9.93	3.73	11.59
185.0	6.74	8.82	6.46	9.11	5.83	9.73	4.26	11.30
190.0	6.99	8.80	6.72	9.07	6.14	9.66	4.64	11.15
195.0	7.14	8.88	6.89	9.13	6.33	9.70	4.89	11.13
200.0	7.13	9.11	6.89	9.35	6.37	9.87	5.02	11.22
210.0	6.99	9.67	6.78	9.88	6.32	10.34	5.12	11.54
220.0	7.12	9.95	6.94	10.13	6.53	10.54	5.46	11.60
225.0	7.05	10.21	6.88	10.38	6.50	10.76	5.50	11.76
230.0	7.07	10.39	6.92	10.54	6.56	10.89	5.63	11.82
240.0	6.95	10.88	6.82	11.01	6.51	11.31	5.70	12.13
250.0	7.02	11.16	6.91	11.27	6.65	11.53	5.96	12.22
260.0	7.07	11.45	6.97	11.54	6.76	11.76	6.16	12.36
270.0	6.83	12.02	6.75	12.10	6.57	12.27	6.08	12.77
275.0	6.78	12.23	6.71	12.30	6.55	12.46	6.11	12.90
280.0	6.92	12.24	6.86	12.30	6.72	12.44	6.33	12.83
290.0	7.09	12.38	7.04	12.43	6.93	12.54	6.62	12.84
300.0	7.15	12.61	7.12	12.64	7.05	12.71	6.85	12.91
310.0	7.19	12.85	7.17	12.87	7.13	12.91	7.02	13.03
320.0	7.16	13.17	7.16	13.17	7.15	13.18	7.12	13.21
325.0	7.11	13.35	7.11	13.35	7.11	13.35	7.11	13.35
330.0	7.10	13.49	7.10	13.49	7.11	13.48	7.14	13.45
340.0	7.17	13.67	7.19	13.66	7.23	13.62	7.35	13.50
350.0	7.20	13.90	7.23	13.88	7.29	13.81	7.46	13.64
360.0	7.23	14.11	7.26	14.08	7.35	14.00	7.58	13.76
370.0	7.12	14.47	7.17	14.42	7.28	14.30	7.61	13.97
375.0	7.02	14.68	7.07	14.63	7.20	14.51	7.56	14.14
380.0	7.13	14.69	7.19	14.63	7.32	14.50	7.71	14.10
390.0	7.07	14.97	7.13	14.91	7.28	14.77	7.70	14.34
400.0	7.09	15.17	7.16	15.10	7.32	14.94	7.81	14.45
425.0	6.90	15.88	6.99	15.80	7.19	15.59	7.82	14.97
450.0	6.97	16.31	7.07	16.21	7.32	15.96	8.08	15.20
475.0	7.00	16.75	7.12	16.63	7.42	16.34	8.31	15.44
500.0	7.06	17.14	7.20	17.00	7.52	16.68	8.52	15.68
520.0	7.11	17.43	7.25	17.29	7.60	16.94	8.68	15.86
550.0	6.69	18.33	6.85	18.18	7.23	17.80	8.41	16.61
580.0	6.81	18.68	6.98	18.51	7.38	18.11	8.64	16.85
600.0	6.73	19.05	6.91	18.88	7.33	18.45	8.67	17.11
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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VULP 9118 B Correction for Short Measuring Distance Center-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
620.0	6.70	19.36	6.88	19.18	7.33	18.74	8.75	17.32
650.0	6.68	19.79	6.87	19.61	7.34	19.14	8.84	17.64
680.0	6.74	20.13	6.94	19.93	7.43	19.44	9.01	17.86
700.0	6.78	20.34	6.99	20.14	7.49	19.63	9.11	18.02
750.0	6.83	20.89	7.05	20.67	7.59	20.14	9.33	18.39
800.0	6.69	21.60	6.92	21.36	7.48	20.80	9.31	18.98
850.0	6.95	21.86	7.19	21.62	7.77	21.04	9.68	19.12
900.0	6.53	22.78	6.78	22.53	7.38	21.92	9.38	19.92
950.0	6.30	23.48	6.56	23.22	7.18	22.59	9.27	20.50
1000.0	6.70	23.52	6.96	23.26	7.60	22.62	9.74	20.48
1050.0	6.67	23.98	6.93	23.71	7.59	23.06	9.77	20.88
1100.0	6.10	24.95	6.37	24.67	7.05	24.00	9.32	21.72
1150.0	5.92	25.52	6.20	25.24	6.88	24.55	9.21	22.23
1200.0	6.35	25.46	6.63	25.17	7.33	24.47	9.70	22.10
1300.0	5.90	26.60	6.19	26.31	6.91	25.59	9.38	23.12
1400.0	5.15	27.99	5.45	27.70	6.18	26.96	8.69	24.45
1500.0	5.29	28.45	5.59	28.15	6.33	27.41	8.90	24.84
1600.0	3.61	30.69	3.92	30.38	4.69	29.61	7.35	26.95
1700.0	2.89	31.94	3.20	31.63	3.98	30.85	6.70	28.13
1800.0	3.45	31.87	3.77	31.56	4.56	30.77	7.33	28.00
1900.0	2.56	33.23	2.88	32.92	3.67	32.12	6.44	29.36
2000.0	-0.45	36.69	-0.13	36.37	0.68	35.56	3.49	32.75
Bezugs-punkt:	***Strahlungs-zone:***	***Strahlungs-zone:***	**Mitte der Log. - Per. Struktur**					
Reference Point:	***Radiating Zone:***	***Radiating Zone:***	**Center of Log. - Per. Structure**