

**VHF- UHF Rundempfangsantenne**  
**VHF-UHF Omnidirectional Antenna**



**Beschreibung:**

Vertikal polarisierte VHF-UHF-Bikonus-Breitbandantenne mit Rundstrahlcharakteristik in der H-Ebene

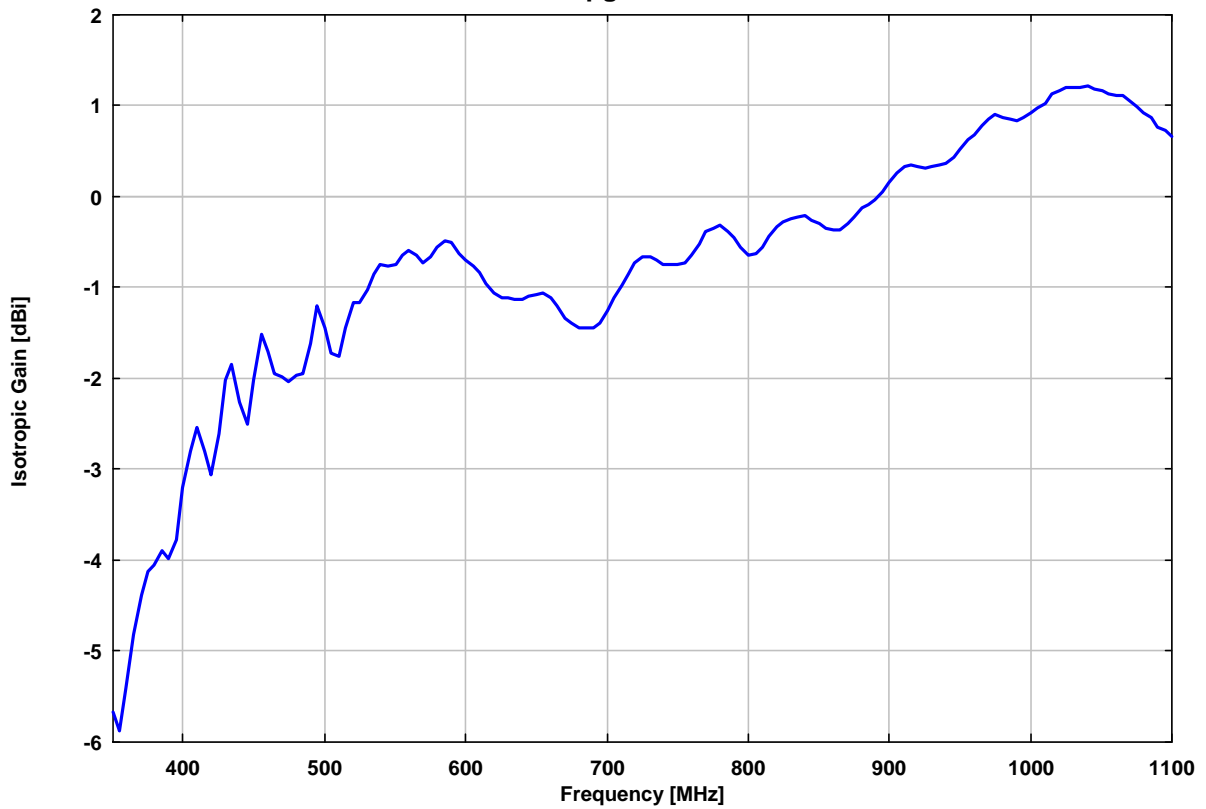
**Description:**

Vertical polarised VHF-UHF biconical broadband antenna with omnidirectional H-plane pattern

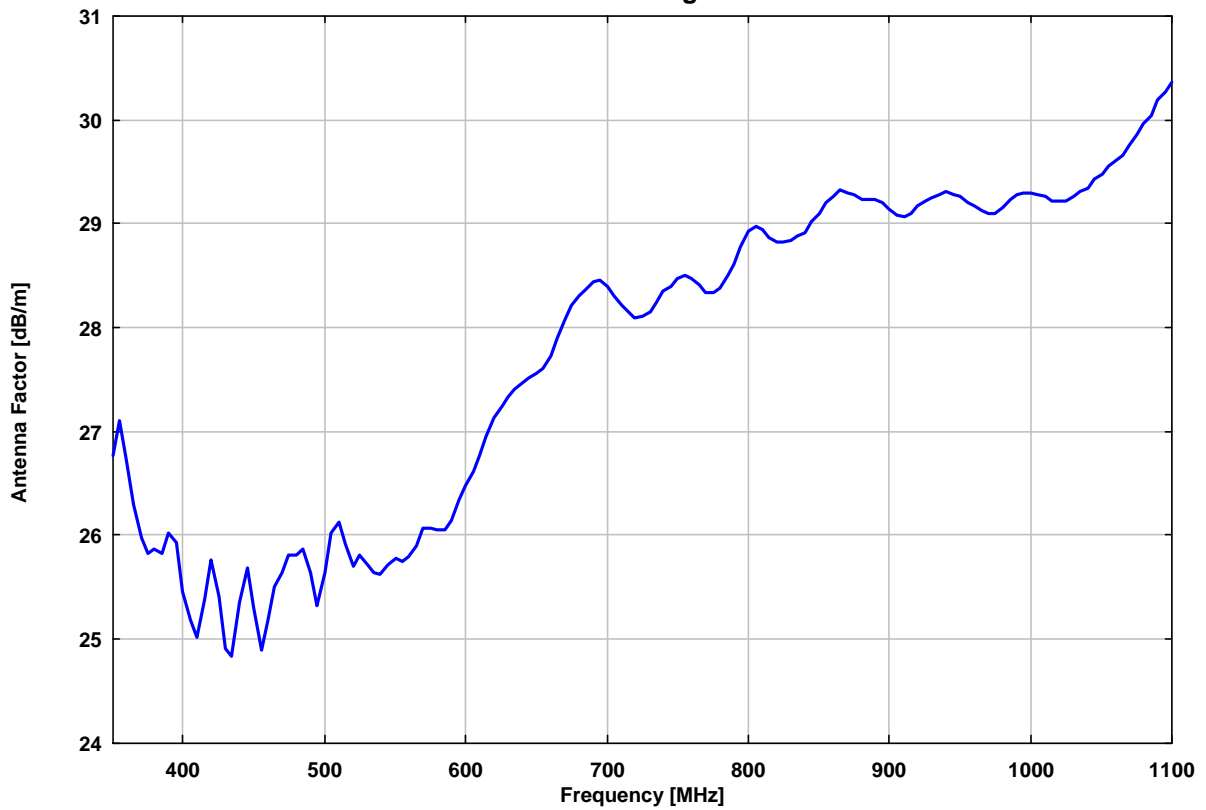
<b>Technische Daten:</b>		<b>Specifications:</b>	
Frequenzbereich:	450 - 1000 MHz	Frequency range:	450 - 1000 MHz
Nutzbarer Frequenzbereich:	330 – 1100 MHz	Useable Frequency Range:	330 – 1100 MHz
Anschluß: Buchse	50 Ω N	Connector: female	50 Ω N
Befestigungsrohr:	22 mm	Mounting tube:	22 mm
Isotropgewinn:	typ. -2...+1.5 dBi	Isotropic gain:	typ. -2...+1.5 dBi
Antennenwandlungsmaß:	typ. 25 ... 30 dB/m	Antenna Factor:	typ. 25 ... 30 dB/m
SWR typ.:	2...3	SWR typ.:	2...3
SWR max.:	5	SWR max.:	5
Max. Eingangsleistung:	200 W	Max. Input Power:	200 W
Halbwertsbreite E-Ebene:	80° - 50°	Half-Power Beamwidth (E-plane):	80° - 50°
Gewicht:	800 g	Weight:	800 g
Elementabmessungen:	140 x 140 x 255 mm	Element Dimensions:	140 x 140 x 255 mm
Höhe über alles:	662 mm	Total Height:	662 mm



Isotropgewinn



Antennen-Wandlungsmaß





Frequency	Wavelength	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
MHz	m	dBi	dBd	dB/m
350.00	0.86	-5.67	-7.82	26.77
355.00	0.85	-5.88	-8.03	27.11
360.00	0.83	-5.41	-7.56	26.75
365.00	0.82	-4.82	-6.98	26.29
370.00	0.81	-4.39	-6.54	25.98
375.00	0.80	-4.12	-6.27	25.82
380.00	0.79	-4.05	-6.20	25.87
385.00	0.78	-3.89	-6.04	25.82
390.00	0.77	-3.98	-6.13	26.02
395.00	0.76	-3.77	-5.92	25.92
400.00	0.75	-3.20	-5.35	25.46
405.00	0.74	-2.81	-4.96	25.18
410.00	0.73	-2.54	-4.69	25.01
415.00	0.72	-2.80	-4.95	25.38
420.00	0.71	-3.07	-5.23	25.76
425.00	0.71	-2.62	-4.77	25.41
430.00	0.70	-2.02	-4.17	24.91
435.00	0.69	-1.84	-3.99	24.83
440.00	0.68	-2.26	-4.41	25.35
445.00	0.67	-2.50	-4.65	25.69
450.00	0.67	-2.02	-4.17	25.31
455.00	0.66	-1.52	-3.67	24.90
460.00	0.65	-1.71	-3.86	25.18
465.00	0.65	-1.94	-4.09	25.51
470.00	0.64	-1.98	-4.13	25.64
475.00	0.63	-2.04	-4.20	25.80
480.00	0.63	-1.97	-4.12	25.81
485.00	0.62	-1.94	-4.09	25.87
490.00	0.61	-1.62	-3.77	25.64
495.00	0.61	-1.21	-3.36	25.32
500.00	0.60	-1.44	-3.59	25.64
505.00	0.59	-1.73	-3.89	26.02
510.00	0.59	-1.76	-3.91	26.13
515.00	0.58	-1.45	-3.60	25.91
520.00	0.58	-1.16	-3.31	25.70
525.00	0.57	-1.17	-3.32	25.80
530.00	0.57	-1.02	-3.17	25.72
535.00	0.56	-0.85	-3.00	25.64
540.00	0.56	-0.75	-2.91	25.62
545.00	0.55	-0.76	-2.91	25.71
550.00	0.55	-0.74	-2.89	25.77
555.00	0.54	-0.65	-2.80	25.75
560.00	0.54	-0.60	-2.75	25.79
565.00	0.53	-0.64	-2.79	25.90
570.00	0.53	-0.73	-2.88	26.07
575.00	0.52	-0.66	-2.81	26.07
580.00	0.52	-0.56	-2.71	26.05
585.00	0.51	-0.49	-2.64	26.05
590.00	0.51	-0.50	-2.66	26.14
595.00	0.50	-0.63	-2.78	26.34
600.00	0.50	-0.70	-2.85	26.48
605.00	0.50	-0.76	-2.91	26.61
610.00	0.49	-0.83	-2.98	26.76
615.00	0.49	-0.95	-3.10	26.95

Frequency	Wavelength	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
MHz	m	dBi	dBd	dB/m
620.00	0.48	-1.06	-3.21	27.13
625.00	0.48	-1.11	-3.26	27.24
630.00	0.48	-1.12	-3.27	27.33
635.00	0.47	-1.13	-3.28	27.41
640.00	0.47	-1.13	-3.28	27.47
645.00	0.47	-1.10	-3.25	27.51
650.00	0.46	-1.08	-3.23	27.56
655.00	0.46	-1.06	-3.21	27.60
660.00	0.45	-1.12	-3.27	27.73
665.00	0.45	-1.21	-3.36	27.89
670.00	0.45	-1.34	-3.49	28.08
675.00	0.44	-1.40	-3.55	28.21
680.00	0.44	-1.44	-3.59	28.31
685.00	0.44	-1.44	-3.59	28.37
690.00	0.43	-1.45	-3.60	28.45
695.00	0.43	-1.40	-3.55	28.46
700.00	0.43	-1.26	-3.41	28.39
705.00	0.43	-1.12	-3.27	28.30
710.00	0.42	-0.97	-3.12	28.21
715.00	0.42	-0.86	-3.01	28.16
720.00	0.42	-0.72	-2.87	28.09
725.00	0.41	-0.67	-2.82	28.10
730.00	0.41	-0.66	-2.81	28.15
735.00	0.41	-0.70	-2.85	28.24
740.00	0.41	-0.74	-2.89	28.35
745.00	0.40	-0.74	-2.89	28.40
750.00	0.40	-0.75	-2.90	28.47
755.00	0.40	-0.73	-2.88	28.51
760.00	0.39	-0.64	-2.79	28.47
765.00	0.39	-0.52	-2.67	28.42
770.00	0.39	-0.39	-2.55	28.34
775.00	0.39	-0.34	-2.49	28.34
780.00	0.38	-0.31	-2.46	28.38
785.00	0.38	-0.38	-2.53	28.50
790.00	0.38	-0.45	-2.60	28.62
795.00	0.38	-0.55	-2.71	28.78
800.00	0.38	-0.65	-2.80	28.93
805.00	0.37	-0.63	-2.78	28.97
810.00	0.37	-0.55	-2.70	28.94
815.00	0.37	-0.43	-2.58	28.87
820.00	0.37	-0.33	-2.48	28.82
825.00	0.36	-0.28	-2.43	28.83
830.00	0.36	-0.24	-2.39	28.84
835.00	0.36	-0.23	-2.38	28.88
840.00	0.36	-0.21	-2.36	28.91
845.00	0.36	-0.26	-2.41	29.02
850.00	0.35	-0.29	-2.44	29.10
855.00	0.35	-0.35	-2.50	29.21
860.00	0.35	-0.36	-2.51	29.27
865.00	0.35	-0.37	-2.52	29.33
870.00	0.34	-0.29	-2.44	29.30
875.00	0.34	-0.22	-2.37	29.28
880.00	0.34	-0.13	-2.28	29.24
885.00	0.34	-0.08	-2.23	29.24



Frequency	Wavelength	Gain(Isotr.)	Gain(Dipole)	Ant.-Factor
MHz	m	dBi	dBd	dB/m
890.00	0.34	-0.03	-2.18	29.23
895.00	0.34	0.05	-2.10	29.20
900.00	0.33	0.16	-2.00	29.15
905.00	0.33	0.27	-1.88	29.08
910.00	0.33	0.34	-1.81	29.06
915.00	0.33	0.35	-1.80	29.10
920.00	0.33	0.33	-1.82	29.17
925.00	0.32	0.32	-1.83	29.22
930.00	0.32	0.33	-1.82	29.25
935.00	0.32	0.35	-1.81	29.29
940.00	0.32	0.36	-1.79	29.32
945.00	0.32	0.44	-1.72	29.29
950.00	0.32	0.52	-1.63	29.26
955.00	0.31	0.62	-1.53	29.20
960.00	0.31	0.69	-1.46	29.17
965.00	0.31	0.78	-1.37	29.13
970.00	0.31	0.86	-1.30	29.10
975.00	0.31	0.91	-1.24	29.09
980.00	0.31	0.88	-1.27	29.16
985.00	0.30	0.85	-1.30	29.23
990.00	0.30	0.84	-1.31	29.29
995.00	0.30	0.87	-1.28	29.30
1000.00	0.30	0.92	-1.24	29.30
1005.00	0.30	0.97	-1.18	29.29
1010.00	0.30	1.03	-1.12	29.27
1015.00	0.30	1.13	-1.02	29.22
1020.00	0.29	1.17	-0.98	29.22
1025.00	0.29	1.21	-0.94	29.22
1030.00	0.29	1.21	-0.94	29.27
1035.00	0.29	1.20	-0.95	29.32
1040.00	0.29	1.22	-0.93	29.34
1045.00	0.29	1.18	-0.97	29.43
1050.00	0.29	1.17	-0.99	29.48
1055.00	0.28	1.13	-1.02	29.56
1060.00	0.28	1.12	-1.03	29.61
1065.00	0.28	1.11	-1.04	29.66
1070.00	0.28	1.06	-1.09	29.75
1075.00	0.28	0.99	-1.16	29.86
1080.00	0.28	0.92	-1.23	29.96
1085.00	0.28	0.88	-1.27	30.05
1090.00	0.28	0.77	-1.38	30.20
1095.00	0.27	0.73	-1.42	30.27
1100.00	0.27	0.67	-1.48	30.37

