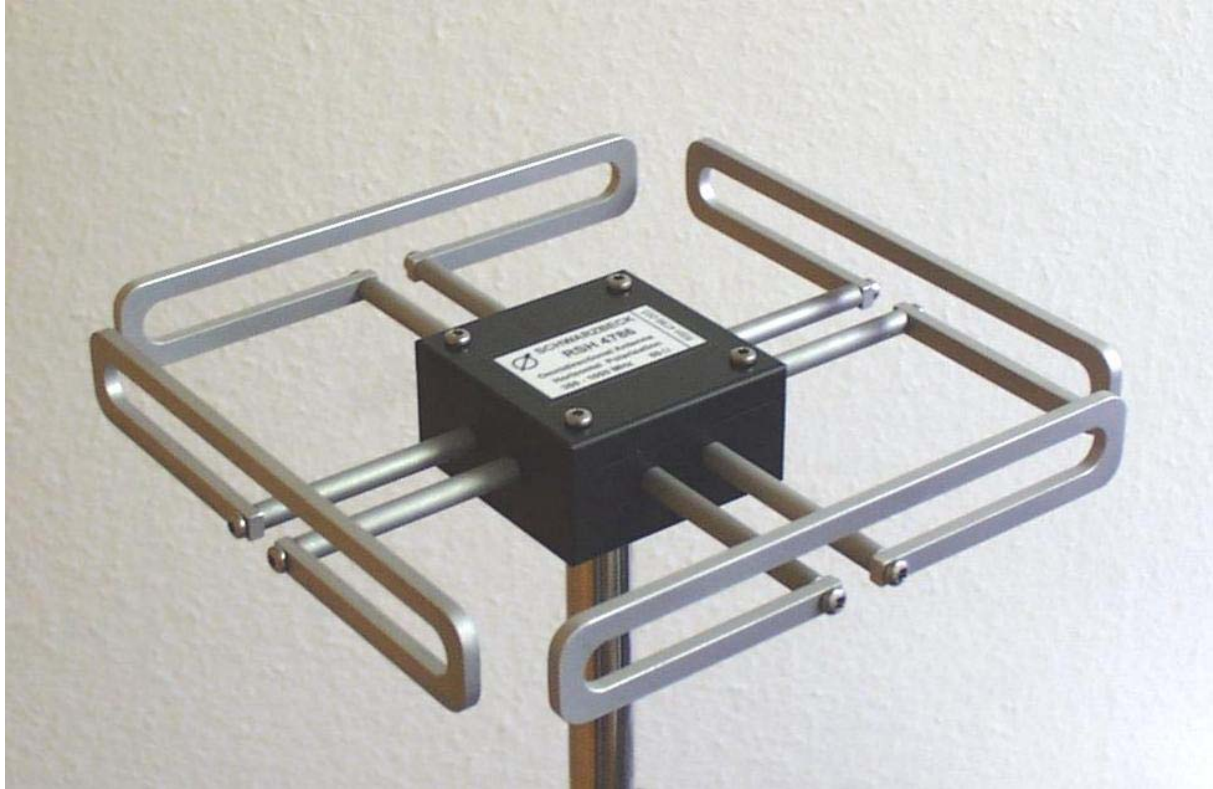


# SCHWARZBECK MESS - ELEKTRONIK

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

## RSH 4786 Horizontal polarisierte UHF Rundstrahlantenne RSH 4786 Horizontal Polarised Omnidirectional UHF Antenna



### Technische Daten:

Horizontal polarisierte UHF  
Rundstrahlantenne für  
Empfangs- und Sendebetrieb im  
Mobil- und Stationäreinsatz.  
Eine typische Anwendung ist die  
DVB-Versorgungsmessung  
mittels Funkmeßwagen.

Frequenzbereich: 470 - 860 MHz  
Nutzbarer Frequenzbereich: 350 - 1050 MHz  
Anschluß: Buchse 50  $\Omega$  N  
Befestigungsrohr: 22 mm  
Isotropgewinn: typ. -2... +/- 3 dBi  
Antennenwandlungsmaß: 23 ... 32 dB/m  
Abweichung von idealer  
Rundstrahlcharakteristik: < +/- 2 dB  
Vertikales Richtdiagramm:  
Dipol-förmig  
Max. Eingangsleistung: 100 W  
Gewicht: 1 kg  
Abmessungen: 240 x 240 x 260 mm  
Empfohlener Abstand der  
Elemente zum Wagendach:  $\approx$  220-280 mm

### Specifications:

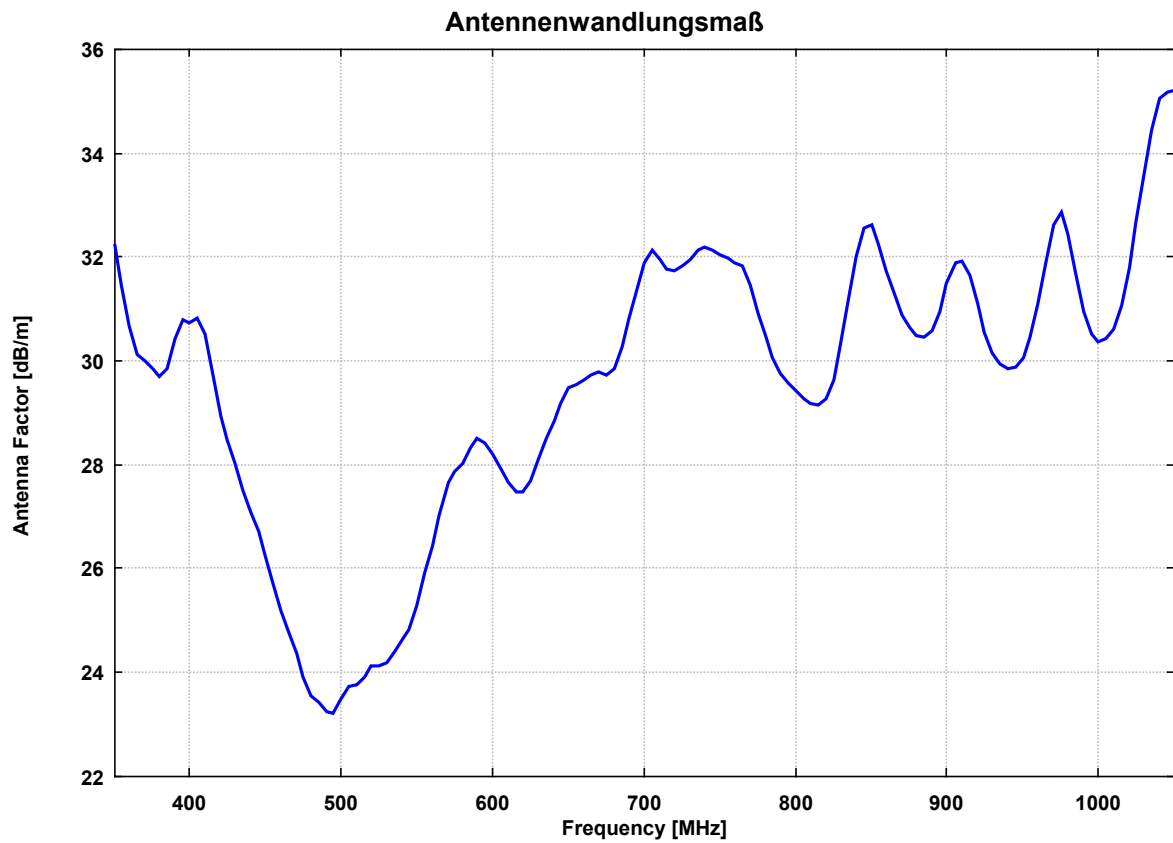
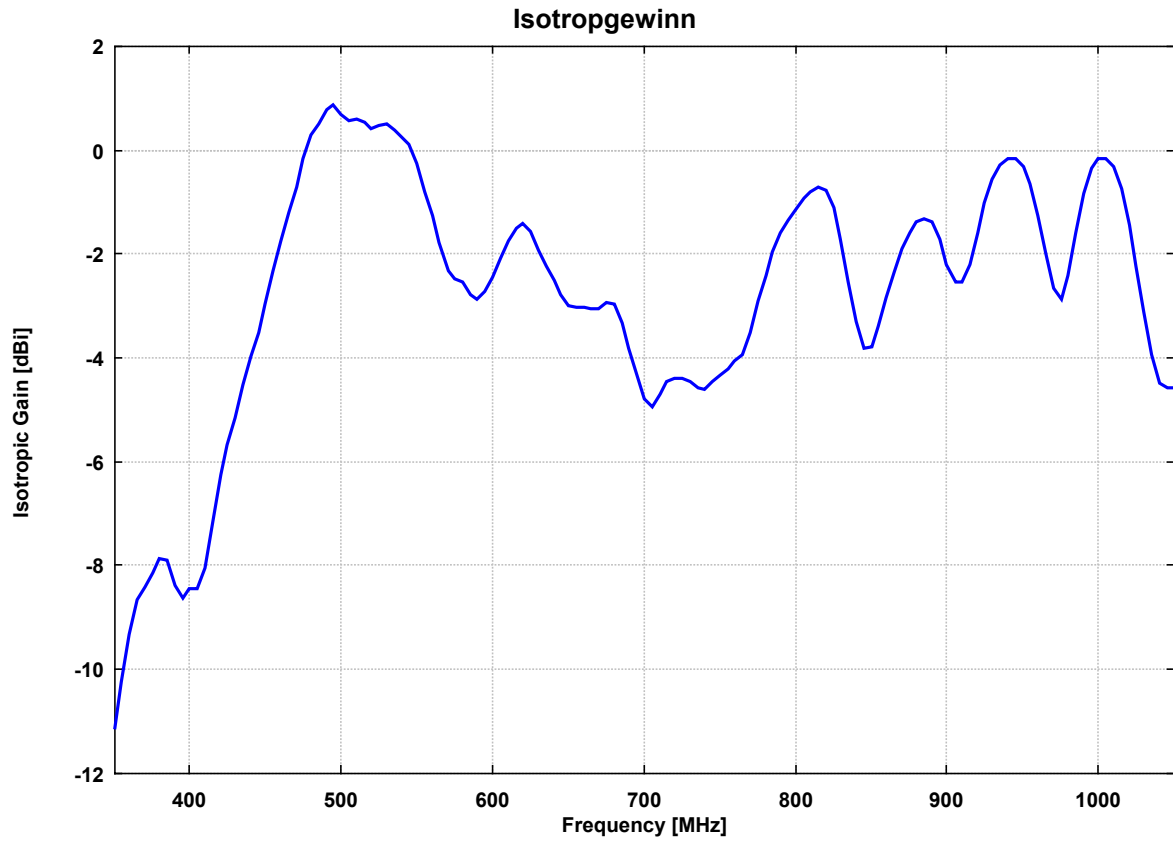
Horizontal polarised  
omnidirectional Antenna for mobile  
and stationary receive and  
transmit applications. A typical  
application is the DVB coverage  
measurement using measurement  
vehicles.

Frequency range:  
Useable Frequency Range:  
Connector: female  
Mounting tube:  
Isotropic gain:  
Antenna Factor:  
Deviation from perfect  
omnidirectional pattern:  
Vertical pattern: Dipole shape  
Max. Input Power:  
Weight:  
Dimensions:  
Recommended Spacing between  
Elements and Rooftop:

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**RSH 4786 Horizontal polarisierte UHF Rundstrahlantenne**  
**RSH 4786 Horizontal Polarised Omnidirectional UHF Antenna**



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

## RSH 4786 Horizontal polarisierte UHF Rundstrahlantenne RSH 4786 Horizontal Polarised Omnidirectional UHF Antenna

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
350.00	-11.12	32.22
355.00	-10.25	31.47
360.00	-9.32	30.67
365.00	-8.65	30.12
370.00	-8.42	30.01
375.00	-8.15	29.85
380.00	-7.88	29.70
385.00	-7.91	29.84
390.00	-8.39	30.44
395.00	-8.64	30.79
400.00	-8.46	30.72
405.00	-8.45	30.82
410.00	-8.05	30.52
415.00	-7.15	29.73
420.00	-6.26	28.95
425.00	-5.69	28.48
430.00	-5.15	28.04
435.00	-4.51	27.50
440.00	-3.98	27.07
445.00	-3.52	26.71
450.00	-2.97	26.25
455.00	-2.33	25.71
460.00	-1.73	25.20
465.00	-1.20	24.77
470.00	-0.70	24.36
475.00	-0.16	23.91
480.00	0.30	23.55
485.00	0.50	23.43
490.00	0.78	23.25
495.00	0.89	23.22
500.00	0.71	23.49
505.00	0.56	23.72
510.00	0.61	23.76
515.00	0.53	23.92
520.00	0.42	24.12
525.00	0.49	24.13
530.00	0.51	24.19
535.00	0.38	24.41
540.00	0.24	24.63
545.00	0.12	24.83
550.00	-0.24	25.27
555.00	-0.80	25.91
560.00	-1.24	26.43
565.00	-1.77	27.03
570.00	-2.31	27.65
575.00	-2.47	27.88
580.00	-2.52	28.01
585.00	-2.78	28.34
590.00	-2.87	28.50
595.00	-2.72	28.43
600.00	-2.43	28.21
605.00	-2.08	27.93

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
610.00	-1.74	27.67
615.00	-1.49	27.49
620.00	-1.40	27.47
625.00	-1.56	27.69
630.00	-1.91	28.12
635.00	-2.22	28.50
640.00	-2.51	28.85
645.00	-2.76	29.17
650.00	-3.00	29.47
655.00	-3.01	29.55
660.00	-3.02	29.63
665.00	-3.06	29.74
670.00	-3.04	29.78
675.00	-2.92	29.72
680.00	-2.97	29.84
685.00	-3.32	30.26
690.00	-3.81	30.80
695.00	-4.30	31.36
700.00	-4.78	31.90
705.00	-4.95	32.14
710.00	-4.70	31.94
715.00	-4.46	31.76
720.00	-4.39	31.75
725.00	-4.40	31.83
730.00	-4.47	31.95
735.00	-4.59	32.13
740.00	-4.60	32.20
745.00	-4.46	32.12
750.00	-4.33	32.05
755.00	-4.20	31.98
760.00	-4.07	31.90
765.00	-3.93	31.83
770.00	-3.51	31.46
775.00	-2.91	30.92
780.00	-2.40	30.46
785.00	-1.96	30.07
790.00	-1.59	29.76
795.00	-1.35	29.58
800.00	-1.13	29.41
805.00	-0.92	29.26
810.00	-0.79	29.18
815.00	-0.71	29.15
820.00	-0.78	29.28
825.00	-1.10	29.64
830.00	-1.70	30.30
835.00	-2.52	31.17
840.00	-3.30	32.00
845.00	-3.82	32.57
850.00	-3.80	32.61
855.00	-3.40	32.26
860.00	-2.83	31.74
865.00	-2.35	31.31

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Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
870.00	-1.89	30.90
875.00	-1.59	30.65
880.00	-1.39	30.50
885.00	-1.31	30.46
890.00	-1.36	30.57
895.00	-1.70	30.96
900.00	-2.19	31.49
905.00	-2.53	31.89
910.00	-2.53	31.93
915.00	-2.19	31.64
920.00	-1.60	31.10
925.00	-1.02	30.56
930.00	-0.56	30.15
935.00	-0.29	29.93
940.00	-0.17	29.86
945.00	-0.16	29.89
950.00	-0.30	30.07
955.00	-0.65	30.47
960.00	-1.25	31.11

Frequency MHz	Gain(Isotr.) dBi	Ant.-Factor dB/m
965.00	-1.97	31.88
970.00	-2.67	32.62
975.00	-2.88	32.88
980.00	-2.40	32.45
985.00	-1.58	31.67
990.00	-0.82	30.95
995.00	-0.34	30.51
1000.00	-0.16	30.38
1005.00	-0.16	30.42
1010.00	-0.31	30.61
1015.00	-0.73	31.07
1020.00	-1.42	31.81
1025.00	-2.24	32.67
1030.00	-3.10	33.57
1035.00	-3.93	34.45
1040.00	-4.49	35.05
1045.00	-4.58	35.19
1050.00	-4.58	35.22

