

pluggerz

DEMPINGSWAARDEN

ATTENUATION VALUES

DÄMPFUNGSWERTE

VALEURS D'ATTÉNUATION

Custom-Fit (acrylate material)

FILTER		FREQ.	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
C00 CYAN		A	8.4	12.5	17.8	25.0	34.1	36.3	43.6	24.0	31.2	21.1	14.3
		S	3.1	2.9	2.5	1.9	3.8	4.4	5.7	2.0	1.6	2.1	2.3
		APV	5.3	9.6	15.3	23.1	30.3	31.9	37.9	22	30	19	12
C01 GREEN		A	11.1	14.9	19.1	25.1	34.2	29.6	43.4	25.1	30.2	22.3	16.7
		S	4.0	2.7	2.4	2.2	3.4	3.3	5.8	1.7	1.3	1.7	2.7
		APV	7.1	12.2	16.7	22.9	30.8	26.3	37.6	23	29	21	14
C02 YELLOW		A	15.4	16.7	20.4	26.9	33.6	30.6	43.9	26.6	30.7	23.9	19.1
		S	3.0	2.5	3.8	2.4	3.3	4.4	6.5	2.2	2.1	2.5	2.4
		APV	12.4	14.2	16.6	24.5	30.3	26.2	37.4	24	29	21	17
C03 ORANGE		A	16.7	19.1	21.6	26.7	34.3	31.6	43.5	27.9	31.7	25.0	20.8
		S	4.1	2.6	2.7	1.9	3.2	3.9	4.3	1.6	1.8	1.6	2.4
		APV	12.6	16.5	18.9	24.8	31.1	27.7	39.2	26	30	23	18
C04 RED		A	20.8	21.1	24.4	26.6	35.4	34.5	43.0	29.6	32.6	26.6	23.2
		S	3.2	3.5	3.4	2.5	2.5	4.3	6.9	2.2	1.7	2.4	2.5
		APV	17.6	17.6	21.0	24.1	32.9	30.2	36.1	27	31	24	21
C05 PURPLE		A	22.9	22.8	26.7	28.3	34.6	35.0	43.2	30.9	33.0	28.1	25.2
		S	3.0	3.7	4.1	3.4	3.4	4.0	3.9	2.4	1.9	2.7	3.0
		APV	19.9	19.1	22.6	24.9	31.2	31.0	39.3	29	31	25	22
C06 BLUE		A	26.6	24.7	28.6	30.6	35.8	38.2	45.0	33.3	35.5	30.5	27.5
		S	3.6	2.1	2.4	2.6	3.1	3.4	4.3	1.5	2.0	1.8	1.7
		APV	23.0	22.6	26.2	28.0	32.7	34.8	40.7	32	34	29	26
C07 BLACK		A	28.6	27.3	29.8	31.4	36.9	40.7	44.9	34.6	36.5	31.6	29.3
		S	4.0	3.3	3.1	2.6	3.9	2.7	4.6	1.8	1.9	2.1	2.6
		APV	24.6	24.0	26.7	28.8	33.0	38.0	40.3	33	35	30	27
DM10 OCEAN		A	11.0	9.1	7.2	9.5	14.3	18.0	17.0				
		S	3.4	3.3	2.6	4.2	5.3	3.5	4.8				
		APV	8.3	5.8	4.6	5.3	9.0	14.5	12.2	10	7	6	11
DM15 BLUE		A	14.8	14.2	14.6	18.4	24.3	20.2	23.9	20.0	21.4	17.7	15.6
		S	3.8	3.0	2.4	3.2	3.5	2.5	3.9	1.9	2.0	2.3	2.4
		APV	11.0	11.2	12.2	15.2	20.8	17.7	20.0	18	19	15	13
DM20 WHITE		A	26.9	23.3	24.3	26.1	24.9	18.6	18.5	21.8	20.2	23.0	23.4
		S	6.8	5.3	3.9	3.0	3.3	3.6	3.0	2.6	2.6	2.7	3.5
		APV	20.1	18.0	20.4	23.1	21.6	15.0	15.5	19	18	20	20
DM25 BLACK		A	28.7	28.5	29.4	30.2	30.7	20.9	34.4	26.3	24.6	26.9	27.6
		S	5.0	5.8	5.4	4.2	4.5	3.0	3.0	2.8	2.8	3.1	3.7
		APV	23.7	22.7	24.0	26.0	26.2	17.9	31.4	24	22	24	24

Life Shell Protect

FILTER		FREQ.	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
C01 GREEN		A	12.9	17.2	20.3	25.6	35.2	32.5	41.6	26.1	30.8	23.4	18.4
		S	5.6	4.2	5.3	3.8	4.5	3.6	5.9	3.3	2.3	3.7	4.3
		APV	7.3	13	15	21.8	30.7	28.9	35.7	23	29	20	14
C03 ORANGE		A	18.8	22.6	24.2	27.9	35.7	34.1	41.5	29.8	32.9	26.9	23.5
		S	3.8	4.0	4.1	4.0	4.4	3.1	5.0	2.6	2.6	3.0	3.2
		APV	15	18.6	20.1	23.9	31.3	31	36.5	27	30	24	20
C05 PURPLE		A	26.1	26.4	27.2	31.8	36.9	37.5	41.4	32.9	35.1	30.3	27.6
		S	4.6	6.1	4.6	4.5	3.9	3.7	5.6	3.4	2.5	3.8	4.5
		APV	21.5	20.3	22.6	27.3	33	33.8	35.8	30	33	27	23
C07 BLACK		A	28.8	29	28.7	32.5	38.2	40.8	43.7	35.4	37.4	32.5	30.8
		S	4.5	4.8	4.9	3.3	4.1	3.5	4.2	2.5	2.6	2.9	3.1
		APV	24.3	24.2	23.8	29.2	34.1	37.3	39.5	33	35	30	28

Invisible

FILTER		FREQ.	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
C05 TRANSPARENT		A	26.1	26.4	27.2	31.8	36.9	37.5	41.4	32.9	35.1	30.3	27.6
		S	4.6	6.1	4.6	4.5	3.9	3.7	5.6	3.4	2.5	3.8	4.5
		APV	21.5	20.3	22.6	27.3	33	33.8	35.8	30	33	27	23

Custom-Fit (silicone material)

FILTER		FREQ.	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
C00 CYAN		A	9.3	13.8	17.5	22.6	31.3	31.8	31.6	23.2	28.4	20.4	15.2
		S	3.6	3.6	3.5	2.6	3.9	3.1	4.6	2.2	2.0	2.2	3.1
		APV	5.7	10.2	14.0	20.0	27.4	28.7	27.0	21	26	18	12
C01 GREEN		A	9.1	14.1	19.2	23.8	29.2	30.9	29.1	24.1	28.2	21.5	15.5
		S	3.0	1.8	2.6	2.9	3.5	2.6	3.6	1.4	1.8	1.5	1.7
		APV	6.1	12.3	16.6	20.9	25.7	28.3	25.5	23	26	20	14
C02 YELLOW		A	12.6	14.3	20.5	23.0	30.5	31.0	31.1	24.7	28.3	22.0	17.0
		S	2.9	2.9	3.4	3.4	3.8	3.8	3.6	2.3	2.1	2.6	2.4
		APV	9.7	11.4	17.1	19.6	26.7	27.2	27.5	22	26	19	15
C03 ORANGE		A	14.5	17.9	21.4	23.0	30.2	31.5	32.9	25.9	28.8	23.0	19.3
		S	4.5	3.6	3.8	3.8	3.7	2.4	4.0	2.7	2.8	2.9	3.0
		APV	10.0	14.3	17.6	19.2	26.5	29.1	28.9	23	26	20	16
C04 RED		A	18.7	20.4	23.4	23.3	30.9	32.1	32.8	26.9	28.9	24.1	21.7
		S	3.8	4.4	3.4	3.8	3.4	2.4	5.1	2.8	2.6	3.2	3.2
		APV	14.9	16.0	20.0	19.5	27.5	29.7	27.7	24	26	21	19
C05 PURPLE		A	19.8	20.2	22.7	23.9	30.7	33.2	33.5	27.3	29.5	24.3	21.9
		S	3.7	3.0	3.2	2.4	3.5	2.7	5.3	1.7	1.7	1.8	2.3
		APV	16.1	17.2	19.5	21.5	27.2	30.5	28.2	26	28	23	20
C06 BLUE		A	24.1	22.9	24.0	24.9	31.8	32.5	33.5	28.5	30.2	25.6	24.1
		S	2.5	3.8	3.1	2.4	3.7	2.2	3.6	1.8	1.6	2.0	2.5
		APV	21.6	19.1	20.9	22.5	28.1	30.3	29.9	27	29	24	22
C07 BLACK		A	23.2	22.6	23.6	24.3	33.1	32.4	33.5	28.1	30.1	25.2	23.5
		S	4.2	4.5	2.9	2.6	4.1	3.3	4.7	2.1	1.9	2.3	2.9
		APV	19.0	18.1	20.7	21.7	29.0	29.1	28.8	26	28	23	21
TRAVEL NEON PINK		A	26.4	25.5	26.5	27.9	31.8	30.1	30.3	29.2	29.3	27.6	26.4
		S	3.9	3.9	3.6	3.1	4.0	4.2	4.4	2.0	2.2	2.3	2.7
		APV	22.5	21.6	22.9	24.8	27.8	25.9	25.9	27	27	25	24
DM10 OCEAN		A	11.7	9.1	7.2	9.5	14.3	18.0	17.0				
		S	3.4	3.3	2.6	4.2	5.3	3.5	4.8				
		APV	8.3	5.8	4.6	5.3	9.0	14.5	12.2	10	10	6	6
DM15 BLUE		A	18.4	17.7	15.9	18.1	18.3	19.4	17.5	18.2	17.6	17.0	16.8
		S	2.9	2.9	3.3	4.0	4.4	2.5	4.5	2.1	2.6	2.3	2.4
		APV	15.5	14.8	12.6	14.1	13.9	16.9	13.0	16	15	15	14
DM20 WHITE		A	24.3	22.5	22.0	21.9	18.8	19.9	16.6	19.7	17.9	20.0	20.9
		S	3.8	2.3	2.7	2.5	4.1	2.5	2.9	1.7	2.2	2.0	1.7
		APV	20.5	20.2	19.3	19.4	14.7	17.4	13.7	18	16	18	19
DM25 BLACK		A	26.7	27.4	26.9	26.3	28.3	20.2	26.7	24.5	23.1	24.6	25.6
		S	3.4	3.6	3.7	3.2	3.8	2.6	2.8	1.5	2.0	1.5	1.9
		APV	23.3	23.8	23.2	23.1	24.5	17.6	23.9	23	21	23	24
SLEEP BLUE		A	26.2	24.7	24.3	25.1	33.0	37.8	39.1	29.4	31.6	26.1	24.9
		S	5.7	3.5	4.2	3.3	3.4	2.7	5.5	2.8	2.6	3.0	3.1
		APV	20.5	21.2	20.1	21.8	29.6	35.1	33.6	27	29	23	22
M15 2-IN-1 BLUE		A	19.4	18.1	17.0	16.8	17.5	17.8	18.2	17.7	16.9	16.5	16.8
		S	4.2	4.8	4.2	4.0	3.7	2.1	4.6	2.3	2.5	2.7	2.9
		APV	15.2	13.3	12.8	12.8	13.8	15.7	13.6	15	14	13	13
M20 2-IN-1 GREY		A	25.0	22.4	23.2	24.3	28.1	20.4	20.9	23.1	22.1	23.1	23.0
		S	3.9	2.5	3.2	3.1	3.9	1.9	4.0	1.8	1.9	1.6	1.9
		APV	21.1	19.9	20.0	21.2	24.2	18.5	16.9	21	20	22	21
M25 2-IN-1 YELLOW		A	26.2	25.3	25.8	27.3	30.4	20.7	32.6	25.4	24.2	25.2	25.3
		S	4.4	4.2	5.2	3.8	3.8	1.9	4.6	1.5	1.6	2.2	3.1
		APV	21.8	21.1	20.6	23.5	26.6	18.8	28.0	24	23	23	22

Protect & Communicate

FILTER		FREQ.	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
M15 2-IN-1 BLUE		A	19.4	18.1	17.0	16.8	17.5	17.8	18.2				
		S	4.2	4.8	4.2	4.0	3.7	2.1	4.6				
		APV	15.2	13.3	12.8	12.8	13.8	15.7	13.6	15	14	13	13
M20 2-IN-1 GREY		A	25.0	22.4	23.2	24.3	28.1	20.4	20.9				
		S	3.9	2.5	3.2	3.1	3.9	1.9	4.0				
		APV	21.1	19.9	20.0	21.2	24.2	18.5	16.9	21	20	21	21
M25 2-IN-1 YELLOW		A	26.2	25.3	25.8	27.3	30.4	20.7	32.6				
		S	4.4	4.2	5.2	3.8	3.8	1.9	4.6				
		APV	21.8	21.1	20.6	23.5	26.6	18.8	28.0	24	22	22	22

FILTER	FREQ.	63 HZ	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
PORTOTUBE AMBIENT+M15	A	18.3	17.1	14.5	12.2	13.6	19.0	21.6	23.4	17.1	18.2	14.1	13.6
	S	5.3	5.0	5.0	4.0	3.4	5.1	3.5	4.9	3.0	2.9	3.2	3.6
	APV	13.0	12.1	9.5	8.2	10.2	13.9	18.1	18.5	14	15	11	10
PORTOTUBE AMBIENT+M25	A	22.3	21.9	19.5	17.0	16.9	27.0	23.8	33.7	20.8	22.5	17.6	17.3
	S	5.3	4.7	5.7	3.9	5.3	3.9	2.8	6.7	2.8	2.5	3.5	3.4
	APV	17.0	17.2	13.8	13.1	11.6	23.1	21.0	27.0	18	20	14	14

Uni-Fit

PRODUCT	FREQ.	63 HZ	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
MUSIC KIDS	A	20.3	23.2	22.6	22.8	26.8	29.5	28.8	29.6	27.7	28.5	25.7	23.8
	S	3.1	2.5	4.6	3.8	5.6	1.0	3.8	1.4	3.1	2.4	4.1	3.8
	APV	17.2	20.7	18.0	19.0	21.2	28.5	25.0	28.2	25	26	22	20
SLEEP & MUTE	A	25.1	24.8	23.7	23.9	27.1	32.4	37.7	37.9	29.4	31.1	26.6	24.7
	S	4.5	3.8	4.6	3.4	3.3	4.2	6.7	8.0	2.5	2.4	2.7	3.2
	APV	20.6	21.0	19.1	20.5	23.8	28.2	31.0	29.9	27	29	24	22
WATER	A	17.3	18.9	21.1	22.7	27.3	31.0	31.9	32.2	27.9	29.7	25.7	22.5
	S	3.1	4.4	3.4	4.0	4.2	3.6	5.7	3.7	2.5	2.6	3.1	3.1
	APV	14.2	14.5	17.7	18.7	23.1	27.4	26.2	28.5	25	27	23	19
ROAD	A	17.8	19.5	19.6	20.8	24.7	29.8	28.7	31.0	25.8	27.3	23.6	21.2
	S	6.3	3.7	5.0	4.6	4.6	4.6	4.7	6.0	3.2	2.6	3.9	4.2
	APV	11.5	15.8	14.6	16.2	20.1	25.2	24.0	25.0	23	25	20	17
TRAVEL	A	25.6	26.4	25.5	26.5	27.9	31.8	30.1	30.3	29.2	29.3	27.6	26.4
	S	4.8	3.9	3.9	3.6	3.1	4.0	4.2	4.4	2.0	2.2	2.3	2.7
	APV	20.8	22.5	21.6	22.9	24.8	27.8	25.9	25.9	27	27	25	24
SILENT SLEEP	A	25.2	27.3	25.9	25.4	25.3	31.4	37.9	41.6	29.1	30.3	26.1	25.6
	S	5.0	5.5	4.9	5.0	3.4	5.5	6.9	6.5	2.8	3.0	3.1	3.7
	APV	20.2	21.8	21.0	20.4	21.9	25.9	31.0	35.1	26	27	23	22
TRUE TONE	A	11.4	12.7	13.8	16.7	19.0	26.5	25.5	26.4	21.2	23.3	18.7	15.6
	S	4.0	3.8	2.9	3.5	3.9	4.4	4.4	3.5	1.9	1.9	2.7	2.4
	APV	7.4	8.9	10.9	13.2	15.1	22.1	21.1	22.9	19	21	16	13
PRO	A	24.1	24.6	24.5	24.1	26.5	30.4	29.0	30.9	27.6	28.1	25.9	24.9
	S	5.3	4.8	4.3	4.8	5.7	4.7	6.4	5.5	4.3	4.5	4.6	4.3
	APV	18.8	19.8	20.2	19.3	20.8	25.7	22.6	25.4	23	24	21	21

Earmuffs

PRODUCT	FREQ.	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	8000 HZ	SNR	H	M	L
KIDS	A	11.5	15.0	25.2	28.7	33.8	35.2	35.7				
	S	3.2	1.3	2.2	1.7	3.0	3.5	3.1				
	APV	8.3	13.4	22.9	27.0	30.8	31.7	32.7	25.8	29.8	23.4	14.4

Attenuation Pluggerz hearing Protector:

A Average attenuation in dB

S Standard deviation in dB

APV Assumed protection value in dB

SNR Single number rating

H Protection value in high frequencies in dB

M Protection value in medium frequencies in dB

L Protection value in low frequencies in dB