

Attenuation Pluggerz (hard 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	22	29	19	11
	S	3.1	2.9	2.5	1.9	3.8	4.4	5.7				
	APV	5.3	9.6	15.3	23.1	30.3	31.9	37.9				
C01 Green	A	12.9	14.1	19.3	26.7	34.5	35.4	42.7	24	30	20	14
	S	4.7	3.1	2.6	2.6	3.4	3.3	3.4				
	APV	8.2	11.0	16.7	24.1	31.1	32.1	39.3				
C02 Yellow	A	15.4	16.7	21.4	27.3	34.7	35.5	42.7	25	30	22	16
	S	4.6	3.6	3.2	3.0	3.5	2.8	2.5				
	APV	10.8	13.1	18.2	24.3	31.2	32.7	40.2				
C03 Orange	A	18.3	19.7	24.1	29.1	34.7	36.7	44.1	27	31	24	19
	S	4.4	2.7	3.9	3.3	3.9	3.3	2.4				
	APV	13.9	17.0	20.2	25.8	30.8	33.4	41.7				
C04 Red	A	21.7	22.8	25.3	30.2	36.0	38.1	43.9	29	32	26	22
	S	4.9	3.4	2.7	4.2	2.9	3.8	3.5				
	APV	16.8	19.4	22.6	26.0	33.1	34.3	40.4				
C05 Purple	A	25.4	25.9	27.9	30.1	36.7	39.8	44.5	31	33	28	25
	S	4.2	3.5	2.4	3.3	3.8	2.4	3.1				
	APV	21.2	22.4	25.5	26.8	23.9	37.4	41.4				
C06 Blue	A	28.3	27.6	29.8	28.2	36.5	40.8	44.4	32	33	29	26
	S	3.0	3.6	3.3	3.7	3.9	4.0	2.8				
	APV	25.3	24.0	26.5	28.6	23.6	36.8	41.6				
C07 Black	A	30.3	30.2	31.6	33.8	37.1	43.2	44.5	33	34	29	28
	S	4.3	4.1	4.0	5.6	4.3	4.5	3.9				
	APV	26.0	26.1	27.6	28.2	32.8	38.7	40.6				
DEC DM Green	A	11.0	11.0	9.5	4.6	13.4	17.8	17.8	10	7	6	11
	S	2.8	2.6	1.6	0.9	2.6	3.2	3.9				
	APV	8.2	8.4	7.9	3.7	10.8	14.6	15.6				
DEC DM Blue	A	14.8	14.2	14.6	18.4	24.3	20.2	23.9	18	19	15	13
	S	3.8	3.0	2.4	3.2	3.5	2.5	3.9				
	APV	11.0	11.2	12.2	15.2	20.8	17.7	20.2				
DEC DM White	A	26.9	23.3	24.3	26.1	24.9	18.6	18.5	19	17	20	20
	S	6.8	5.3	3.9	3.0	3.3	3.6	3.0				
	APV	20.1	18.0	20.4	23.1	21.6	15.0	15.5				
DEC DM Black	A	28.7	28.5	29.4	30.2	30.7	20.9	34.4	24	22	24	24
	S	5.0	5.8	5.4	4.2	4.5	3.0	3.0				
	APV	23.7	22.7	24.0	26.0	26.2	17.9	31.4				

Attenuation Pluggerz flexible 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	21	26	18	12
	S	3.6	3.6	3.5	2.6	3.9	3.1	4.6				
	APV	5.7	10.2	14.0	20.0	27.4	28.7	27.0				
C01 Green	A	9.1	14.1	19.2	23.8	29.2	30.9	29.1	22	26	19	13
	S	3.0	1.8	2.6	2.9	3.5	2.6	3.6				
	APV	6.1	12.3	16.6	20.9	25.7	28.3	25.5				
C02 Yellow	A	12.6	14.3	20.5	23.0	30.5	31.0	31.1	22	26	19	14
	S	2.9	2.9	3.4	3.4	3.8	3.8	3.6				
	APV	9.7	11.4	17.1	19.6	26.7	27.2	27.5				
C03 Orange	A	14.5	17.9	21.4	23.0	30.2	31.5	32.9	23	26	20	16
	S	4.5	3.6	3.8	3.8	3.7	2.4	4.0				
	APV	10.0	14.3	17.6	19.2	26.5	29.1	28.9				
C04 Red	A	18.7	20.4	23.4	23.3	30.9	32.1	32.8	24	26	21	18
	S	3.8	4.4	3.4	3.8	3.4	2.4	5.1				
	APV	14.9	16.0	20.0	19.5	27.5	29.7	27.7				
C05 Purple	A	19.8	20.2	22.7	23.9	30.7	33.2	33.5	25	27	22	19
	S	3.7	3.0	3.2	2.4	3.5	2.7	5.3				
	APV	16.1	17.2	19.5	21.5	27.2	30.5	28.2				
C06 Blue	A	24.1	22.9	24.0	24.9	31.8	32.5	33.5	27	28	23	21
	S	2.5	3.8	3.1	2.4	3.7	2.2	3.6				
	APV	21.6	19.1	20.9	22.5	28.1	30.3	29.9				
C07 Black	A	23.2	22.6	23.6	24.3	33.1	32.4	33.5	26	28	23	20
	S	4.2	4.5	2.9	2.6	4.1	3.3	4.7				
	APV	19.0	18.1	20.7	21.7	29.0	29.1	28.8				
Softflex Transp.	A	26.2	24.7	24.3	25.1	33.0	37.8	39.1	27	29	23	22
	S	5.7	3.5	4.2	3.3	3.4	2.7	5.5				
	APV	20.5	21.2	20.1	21.8	29.6	35.1	33.6				
ER9	A	14.3	12.2	10.8	10.3	13.5	12.6	19.2	10	8	8	10
	S	3.9	2.8	5.0	3.5	3.2	3.4	3.7				
	APV	10.4	9.4	5.8	6.8	10.3	9.2	15.5				
ER15	A	17.5	17.6	18.0	16.3	17.3	15.8	20.8	14	14	14	16
	S	3.8	3.0	2.8	2.6	2.6	2.8	3.9				
	APV	13.7	14.6	15.2	13.7	14.7	13.0	16.9				

ER25	A	22.6	24.0	26.4	24.4	24.4	27.5	25.4	22	21	21	23
	S	4.7	4.5	3.9	3.7	3.3	2.3	4.5				
	APV	17.9	19.5	22.5	20.7	21.1	25.2	20.9				
DEC DM Green	A	11.0	11.0	9.5	4.6	13.4	17.8	17.8	10	7	6	11
	S	2.8	2.6	1.6	0.9	2.6	3.2	3.9				
	APV	8.2	8.4	7.9	3.7	10.8	14.6	15.6				
DEC DM Blue	A	18.4	17.7	15.9	18.7	18.3	19.4	17.5	16	14	14	14
	S	2.9	2.9	3.3	4.0	4.4	2.5	4.5				
	APV	15.5	14.8	12.6	14.1	13.9	16.9	13.0				
DEC DM White	A	24.3	22.5	22.0	21.9	18.8	19.9	16.6	18	15	18	19
	S	3.8	2.3	2.7	2.5	4.1	2.5	2.9				
	APV	20.5	20.2	23.2	19.4	14.7	17.4	13.7				
DEC DM Black	A	26.7	27.4	26.9	26.3	28.3	20.2	26.7	23	21	22	23
	S	3.4	3.6	3.7	3.2	3.8	2.6	2.8				
	APV	23.3	23.8	23.2	23.1	24.5	17.6	23.9				
M15 2-in-1 Blue	A	19.4	18.1	17.0	16.8	17.5	17.8	18.2	15	14	13	13
	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				
M20 2-in-1 White	A	25.0	22.4	23.2	24.3	28.1	20.4	20.9	21	20	21	21
	S	3.9	2.5	3.2	3.1	3.9	1.9	4.0				
	APV	21.2	19.9	20.0	21.2	24.2	18.5	16.9				
M25 2-in-1 Yellow	A	26.2	25.3	25.8	27.3	30.4	20.7	32.6	24	22	22	22
	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				

Pluggierz Lifeshell 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	41.8	23	28	19	14
	S	5.6	4.2	5.3	3.8	4.5	3.6	5.9				
	APV	7.3	13	15	21.8	30.7	28.9	35.7				
C03 Orange	A	18.8	22.6	24.2	27.9	35.7	34.1	41.5	27	30	24	20
	S	3.8	4	4.1	4	4.4	3.1	5				
	APV	15	18.6	20.1	23.9	31.3	31	36.5				
C05 Purple	A	26.1	26.4	27.2	31.8	36.9	37.5	41.4	30	32	26	23
	S	4.6	6.1	4.6	4.5	3.9	3.7	5.6				
	APV	21.5	20.3	22.6	27.3	33	33.8	35.8				
C07 Black	A	28.8	29	28.7	32.5	38.2	40.8	43.6	33	35	29	27
	S	4.5	4.8	4.9	3.3	4.1	3.5	4.2				
	APV	24.3	24.2	23.8	29.2	34.1	37.3	39.4				

Attenuation Pluggierz hearing protector:

A	Average attenuation in dB	H	Protection value in high frequencies in dB
S	Standard deviation in dB	M	Protection value in medium frequencies in dB
APV	Assumed protection value in dB	L	Protection value in low frequencies in dB
SNR	Single number rating		

Pluggierz Uni-Fit

Type	Freq	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	SNR	H	M	L
Pro& Hobby	A	24.1	24.6	24.5	24.1	26.5	30.4	29.0	30.9	24	24	21	20
	S	5.3	4.8	4.3	4.8	5.7	4.7	6.4	5.5				
	APV	18.8	19.8	20.2	19.3	20.8	25.7	22.6	25.4				
Road	A	17.8	19.5	19.6	20.8	24.7	29.8	28.7	31.0	23	24	20	17
	S	6.3	3.7	5.0	4.6	4.6	4.6	4.7	6.0				
	APV	11.5	15.8	14.6	16.2	20.1	25.2	24.0	25.0				
Travel	A	25.6	26.4	25.5	26.5	27.9	31.8	30.1	30.3	27	27	25	23
	S	4.8	3.9	3.9	3.6	3.1	4.0	4.2	4.4				
	APV	20.8	22.5	21.6	22.9	24.8	27.8	25.9	24.9				
Sleep	A	25.1	24.8	23.7	23.9	27.1	32.4	37.7	37.9	27	28	24	21
	S	4.5	3.8	4.6	3.4	3.3	4.2	6.7	8.0				
	APV	20.6	21.0	19.1	20.5	23.8	28.2	31.0	29.9				
Music	A	17.7	19.0	19.1	18.3	22.2	30.5	28.9	27.1	22	24	18	16
	S	5.5	3.5	4.6	3.5	3.8	4.3	3.1	3.8				
	APV	12.2	15.5	14.5	14.8	18.4	26.2	25.8	23.3				
Music Premium	A	19.6	20.4	17.3	16.0	15.5	20.8	20.2	19.4	16	15	13	13
	S	3.3	3.6	4.1	4.3	3.4	4.0	4.7	4.4				
	APV	16.3	16.8	13.2	11.7	12.1	16.8	15.5	15.0				
Shoot & Read	A	25.0	24.8	25.7	26.8	29.3	32.1	36.5	34.2	26	27	22	20
	S	6.6	7.6	6.8	7.6	6.8	5.7	5.0	4.2				
	APV	18.4	17.2	18.9	19.2	22.4	26.4	31.5	30.0				
Swim	A	17.3	18.9	21.1	22.7	27.3	31.0	31.9	32.2	25	27	22	19
	S	3.1	4.4	3.4	4.0	4.2	3.6	5.7	3.7				
	APV	14.2	14.5	17.7	18.7	23.1	27.4	26.2	28.5				

Pluggerz oorkappen

Product	Freq	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	SNR	H	M	L
Adult	A	16.0	21.3	31.4	38.8	35.9	37.0	37.0	31.3	34.5	28.9	20.4
	S	2.5	2.4	2.5	3.9	3.0	2.3	2.1				
	APV	13.4	18.8	28.9	34.9	32.9	34.7	34.8				
Kids	A	9.8	15.9	25.0	33.0	31.0	35.4	33.2	25.8	29.8	23.4	14.4
	S	3.0	1.9	2.3	3.2	3.4	2.4	4.0				
	APV	6.7	13.9	22.8	29.8	27.6	33.0	29.1				