

Third Octave Bands

Band Number	Nominal Centre Frequency Hz	Exact Centre Frequency Hz	Passband Hz
1	1.25	1.26	1.12 - 1.41
2	1.6	1.58	1.41 - 1.78
3	2	2.00	1.78 - 2.24
4	2.5	2.51	2.24 - 2.82
5	3.15	3.16	2.82 - 3.55
6	4	3.98	3.55 - 4.47
7	5	5.01	4.47 - 5.62
8	6.3	6.31	5.62 - 7.08
9	8	7.94	7.08 - 8.91
10	10	10.0	8.91 - 11.2
11	12.5	12.59	11.2 - 14.1
12	16	15.85	14.1 - 17.8
13	20	19.95	17.8 - 22.4
14	25	25.12	22.4 - 28.2
15	31.5	31.62	28.2 - 35.5
16	40	39.81	35.5 - 44.7
17	50	50.12	44.7 - 56.2
18	63	63.10	56.2 - 70.8
19	80	79.43	70.8 - 89.1
20	100	100.00	89.1 - 112
21	125	125.89	112 - 141
22	160	158.49	141 - 178
23	200	199.53	178 - 224
24	250	251.19	224 - 282
25	315	316.23	282 - 355
26	400	398.11	355 - 447
27	500	501.19	447 - 562
28	630	630.96	562 - 708
29	800	794.33	708 - 891
30	1000	1000.0	891 - 1120
31	1250	1258.9	1120 - 1410
32	1600	1584.9	1410 - 1780
33	2000	1995.3	1780 - 2240
34	2500	2511.9	2240 - 2820
35	3150	3162.3	2820 - 3550
36	4000	3981.1	3550 - 4470
37	5000	5011.9	4470 - 5620
38	6300	6309.6	5620 - 7080
39	8000	7943.3	7080 - 8910
40	10000	10000.0	8910 - 11200
41	12500	12589.3	11200 - 14100
42	16000	15848.9	14100 - 17800
43	20000	19952.6	17800 - 22400