

Table: Gain / loss in bels

| Loss/gain as a ratio | Loss/gain in bels | Loss/gain as a ratio | Loss/gain in bels |
|--|---|--|---|
| $\frac{P_{\text{output}}}{P_{\text{input}}}$ | $\log \frac{P_{\text{output}}}{P_{\text{input}}}$ | $\frac{P_{\text{output}}}{P_{\text{input}}}$ | $\log \frac{P_{\text{output}}}{P_{\text{input}}}$ |
| 1000 | 3 B | 0.1 | -1 B |
| 100 | 2 B | 0.01 | -2 B |
| 10 | 1 B | 0.001 | -3 B |
| 1 (no loss or gain) | 0 B | 0.0001 | -4 B |