

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