

All units in resistance

Edit any value and every other unit updates instantly.

METRIC · 6 units	
gigaohm $G\Omega$ FROM	1.000
megaohm $M\Omega$ TO UNIT	1 000
kiloohm $k\Omega$	1 000 000
ohm Ω ⓘ	1 000 000 000
milliohm $m\Omega$	1 000 000 000 000
microohm $\mu\Omega$	1 000 000 000 000 000



How your data is used



Your privacy preferences are important. That's why, based on legitimate interest, we and our partners process and share only limited data such as your device type and content interactions for advertising, research and service development purposes.

View [partner list](#) and manage [privacy settings](#).



Conversion table from gigaohm to ohm

GIGAOHM	OHM
0	0
1.000	1 000 000 000
2.000	2 000 000 000
3.000	3 000 000 000
4.000	4 000 000 000
5.000	5 000 000 000
6.000	6 000 000 000
7.000	7 000 000 000
8.000	8 000 000 000
9.000	9 000 000 000
10.00	10 000 000 000
11.00	11 000 000 000
12.00	12 000 000 000
13.00	13 000 000 000
14.00	14 000 000 000
15.00	15 000 000 000
16.00	16 000 000 000
17.00	17 000 000 000
18.00	18 000 000 000
19.00	19 000 000 000
20.00	20 000 000 000
21.00	21 000 000 000



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GIGAOHM

OHM

22.00	22 000 000 000
23.00	23 000 000 000
24.00	24 000 000 000
25.00	25 000 000 000
26.00	26 000 000 000
27.00	27 000 000 000
28.00	28 000 000 000
29.00	29 000 000 000



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Conversion table from gigaohm to kiloohm

GIGAOHM	KILOOHM
0	0
1.000	1 000 000
2.000	2 000 000
3.000	3 000 000
4.000	4 000 000
5.000	5 000 000
6.000	6 000 000
7.000	7 000 000
8.000	8 000 000
9.000	9 000 000
10.00	10 000 000
11.00	11 000 000
12.00	12 000 000
13.00	13 000 000
14.00	14 000 000
15.00	15 000 000
16.00	16 000 000
17.00	17 000 000
18.00	18 000 000
19.00	19 000 000
20.00	20 000 000
21.00	21 000 000



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GIGAOHM	KILOOHM
22.00	22 000 000
23.00	23 000 000
24.00	24 000 000
25.00	25 000 000
26.00	26 000 000
27.00	27 000 000
28.00	28 000 000
29.00	29 000 000



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Conversion table from gigaohm to megaohm

GIGAOHM	MEGAOHM
0	0
1.000	1 000
2.000	2 000
3.000	3 000
4.000	4 000
5.000	5 000
6.000	6 000
7.000	7 000
8.000	8 000
9.000	9 000
10.00	10 000
11.00	11 000
12.00	12 000
13.00	13 000
14.00	14 000
15.00	15 000
16.00	16 000
17.00	17 000
18.00	18 000
19.00	19 000
20.00	20 000
21.00	21 000



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GIGAOHM	MEGAOHM
22.00	22 000
23.00	23 000
24.00	24 000
25.00	25 000
26.00	26 000
27.00	27 000
28.00	28 000
29.00	29 000



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