

dBm to Watt Conversion Table

dBm	Watt	dBm	Watt	dBm	Watt	dBm	Watt
0	1.00 mW	26	398.11 mW	51	125.89 W	76	39.81 kW
1	1.26 mW	27	501.19 mW	52	158.49 W	77	50.12 kW
2	1.58 mW	28	630.96 mW	53	199.53 W	78	63.10 kW
3	2.00 mW	29	794.33 mW	54	251.19 W	79	79.43 kW
4	2.51 mW	30	1.00 W	55	316.23 W	80	100.00 kW
5	3.16 mW	31	1.26 W	56	398.11 W	81	125.89 kW
6	3.98 mW	32	1.58 W	57	501.19 W	82	158.49 kW
7	5.01 mW	33	2.00 W	58	630.96 W	83	199.53 kW
8	6.31 mW	34	2.51 W	59	794.33 W	84	251.19 kW
9	7.94 mW	35	3.16 W	60	1.00 kW	85	316.23 kW
10	10.00 mW	36	3.98 W	61	1.26 kW	86	398.11 kW
11	12.59 mW	37	5.01 W	62	1.58 kW	87	501.19 kW
12	15.85 mW	38	6.31 W	63	2.00 kW	88	630.96 kW
13	19.95 mW	39	7.94 W	64	2.51 kW	89	794.33 kW
14	25.12 mW	40	10.00 W	65	3.16 kW	90	1.00 MW
15	31.62 mW	41	12.59 W	66	3.98 kW	91	1.26 MW
16	39.81 mW	42	15.85 W	67	5.01 kW	92	1.58 MW
17	50.12 mW	43	19.95 W	68	6.31 kW	93	2.00 MW
18	63.10 mW	44	25.12 W	69	7.94 kW	94	2.51 MW
19	79.43 mW	45	31.62 W	70	10.00 kW	95	3.16 MW
20	100.00 mW	46	39.81 W	71	12.59 kW	96	3.98 MW
21	125.89 mW	47	50.12 W	72	15.85 kW	97	5.01 MW
22	158.49 mW	48	63.10 W	73	19.95 kW	98	6.31 MW
23	199.53 mW	49	79.43 W	74	25.12 kW	99	7.94 MW
24	251.19 mW	50	100.00 W	75	31.62 kW	100	10.00 MW

Metric Prefixes

Numerical	Exponential	Prefix (symbol)
1,000,000.0	1.0 E 6	Mega (M)
1,000.0	1.0 E 3	kilo (k)
1.0	1.0 E 0	none
0.001	1.0 E -3	milli (m)
0.000001	1.0 E -6	micro (μ)
0.000000001	1.0 E -9	nano (n)
0.000000000001	1.0 E -12	pico (p)
0.00000000000001	1.0 E -15	femto (f)
0.0000000000000001	1.0 E -18	atto (a)

Negative dBm to Watt Conversion Table

dBm	Watt	dBm	Watt	dBm	Watt	dBm	Watt
0	1.00 mW	- 36	251.19 nW	- 71	79.43 pW	- 106	25.12 fW
- 1	794.33 µW	- 37	199.53 nW	- 72	63.10 pW	- 107	19.95 fW
- 2	630.96 µW	- 38	158.49 nW	- 73	50.12 pW	- 108	15.85 fW
- 4	398.11 µW	- 39	125.89 nW	- 74	39.81 pW	- 109	12.59 fW
- 5	316.23 µW	- 40	100.00 nW	- 75	31.62 pW	- 110	10.00 fW
- 6	251.19 µW	- 41	79.43 nW	- 76	25.12 pW	- 111	7.94 fW
- 7	199.53 µW	- 42	63.10 nW	- 77	19.95 pW	- 112	6.31 fW
- 8	158.49 µW	- 43	50.12 nW	- 78	15.85 pW	- 113	5.01 fW
- 9	125.89 µW	- 44	39.81 nW	- 79	12.59 pW	- 114	3.98 fW
- 10	100.00 µW	- 45	31.62 nW	- 80	10.00 pW	- 115	3.16 fW
- 11	79.43 µW	- 46	25.12 nW	- 81	7.94 pW	- 116	2.51 fW
- 12	63.10 µW	- 47	19.95 nW	- 82	6.31 pW	- 117	2.00 fW
- 13	50.12 µW	- 48	15.85 nW	- 83	5.01 pW	- 118	1.58 fW
- 14	39.81 µW	- 49	12.59 nW	- 84	3.98 pW	- 119	1.26 fW
- 15	316.23 µW	- 50	10.00 nW	- 85	3.16 pW	- 120	1.00 fW
- 16	251.19 µW	- 51	7.94 nW	- 86	2.51 pW	- 121	794.33 aW
- 17	199.53 µW	- 52	6.31 nW	- 87	2.00 pW	- 122	630.96 aW
- 18	158.49 µW	- 53	5.01 nW	- 88	1.58 pW	- 123	501.19 aW
- 19	125.89 µW	- 54	3.98 nW	- 89	1.26 pW	- 124	398.11 aW
- 20	100.00 µW	- 55	3.16 nW	- 90	1.00 pW	- 125	316.23 aW
- 21	79.43 µW	- 56	2.51 nW	- 91	794.33 fW	- 126	251.19 aW
- 22	63.10 µW	- 57	2.00 nW	- 92	630.96 fW	- 127	199.53 aW
- 23	50.12 µW	- 58	1.58 nW	- 93	501.19 fW	- 128	158.49 aW
- 24	39.81 µW	- 59	1.26 nW	- 94	398.11 fW	- 129	125.89 aW
- 25	316.23 µW	- 60	1.00 nW	- 95	316.23 fW	- 130	100.00 aW
- 26	251.19 µW	- 61	794.33 pW	- 96	251.19 fW	- 131	79.43 aW
- 27	200.00 µW	- 62	630.96 pW	- 97	199.53 fW	- 132	63.10 aW
- 28	158.49 µW	- 63	501.19 pW	- 98	158.49 fW	- 133	50.12 aW
- 29	125.89 µW	- 64	398.11 pW	- 99	125.89 fW	- 134	39.81 aW
- 30	100.00 µW	- 65	316.23 pW	- 100	100.00 fW	- 135	31.62 aW
- 31	794.33 nW	- 66	251.19 pW	- 101	79.43 fW	- 136	25.12 aW
- 32	630.96 nW	- 67	199.53 pW	- 102	63.10 fW	- 137	19.95 aW
- 33	501.19 nW	- 68	158.49 pW	- 103	50.12 fW	- 138	15.85 aW
- 34	398.11 nW	- 69	125.89 pW	- 104	39.81 fW	- 139	12.59 aW
- 35	316.23 nW	- 70	100.00 pW	- 105	31.62 fW	- 140	10.00 aW