Please note that most of our CATV or L-band RF Optical transmitters require +15 to +25 dBmV input power. This table shows the conversion chart between dBmV, dBuV, dBm, mVrms, and mW.

Conversions of Power chart 75Ω

dBmV	dBµV	dBm 50Ω	mV_{RMS}	mW 75Ω
8	68	-40.75	2.51	8.4E-05
9	69	-39.75	2.82	1.1E-04
10	70	-38.75	3.16	1.3E-04
11	71	-37.75	3.55	1.7E-04
12	72	-36.75	3.98	2.1E-04
13	73	-35.75	4.47	2.7E-04
14	74	-34.75	5.01	3.3E-04
15	**75**	**-33.75**	**5.62**	**4.2E-04**
16	**76**	**-32.75**	**6.31**	**5.3E-04**
17	**77**	**-31.75**	**7.08**	**6.7E-04**
18	**78**	**-30.75**	**7.94**	**8.4E-04**
19	**79**	**-29.75**	**8.91**	**1.1E-03**
20	**80**	**-28.75**	**10.00**	**1.3E-03**
21	**81**	**-27.75**	**11.22**	**1.7E-03**
22	**82**	**-26.75**	**12.59**	**2.1E-03**
23	**83**	**-25.75**	**14.13**	**2.7E-03**
24	**84**	**-24.75**	**15.85**	**3.3E-03**
25	**85**	**-23.75**	**17.78**	**4.2E-03**
26	86	-22.75	19.95	5.3E-03

Please note that most of our CATV or L-band RF Optical transmitters require +15 to +25 dBmV input power. This table shows the conversion chart between dBmV, dBuV, dBm, mVrms, and mW.

27	87	-21.75	22.39	6.7E-03
28	88	-20.75	25.12	8.4E-03
29	89	-19.75	28.18	0.011
30	90	-18.75	31.62	0.013
31	91	-17.75	35.48	0.017
32	92	-16.75	39.81	0.021
33	93	-15.75	44.67	0.027
34	94	-14.75	50.12	0.033
35	95	-13.75	56.23	0.042
36	96	-12.75	63.10	0.053
37	97	-11.75	70.79	0.067
38	98	-10.75	79.43	0.084
39	99	-9.75	89.13	0.106
40	100	-8.75	100.00	0.133
41	101	-7.75	112.20	0.168
42	102	-6.75	125.89	0.211
43	103	-5.75	141.25	0.266
44	104	-4.75	158.49	0.335
45	105	-3.75	177.83	0.422
46	106	-2.75	199.53	0.531
47	107	-1.75	223.87	0.668

Please note that most of our CATV or L-band RF Optical transmitters require +15 to +25 dBmV input power. This table shows the conversion chart between dBmV, dBuV, dBm, mVrms, and mW.

48	108	-0.75	251.19	0.841
49	109	0.25	281.84	1.059
50	110	1.25	316.23	1.333
51	111	2.25	354.81	1.679
52	112	3.25	398.11	2.113
53	113	4.25	446.68	2.660
54	114	5.25	501.19	3.349
55	115	6.25	562.34	4.216
56	116	7.25	630.96	5.308
57	117	8.25	707.95	6.683
58	118	9.25	794.33	8.413
59	119	10.25	891.25	10.591
60	120	11.25	1000.00	13.333
61	121	12.25	1122.02	16.786
62	122	13.25	1258.93	21.132
63	123	14.25	1412.54	26.604
64	124	15.25	1584.89	33.492
65	125	16.25	1778.28	42.164
66	126	17.25	1995.26	53.081
67	127	18.25	2238.72	66.825
68	128	19.25	2511.89	84.128