



# Return Loss Conversion Table

Return Loss - dB	SWR	GAMMA	Reflection Loss - dB	Through Power - %	Reflected Power - %	Return Loss - dB	SWR	GAMMA	Reflection Loss - dB	Through Power - %	Reflected Power - %
1	17.39	0.891	6.868	0.206	0.794	21	1.20	0.089	0.035	0.992	0.008
2	8.72	0.794	4.329	0.369	0.631	22	1.17	0.079	0.027	0.994	0.006
3	5.85	0.708	3.021	0.499	0.501	23	1.15	0.071	0.022	0.995	0.005
4	4.42	0.631	2.205	0.602	0.398	24	1.13	0.063	0.017	0.996	0.004
5	3.57	0.562	1.651	0.684	0.316	25	1.12	0.056	0.014	0.997	0.003
6	3.01	0.501	1.256	0.749	0.251	26	1.11	0.050	0.011	0.997	0.003
7	2.61	0.447	0.967	0.800	0.200	27	1.09	0.045	0.009	0.998	0.002
8	2.32	0.398	0.749	0.842	0.158	28	1.08	0.040	0.007	0.998	0.002
9	2.10	0.355	0.584	0.874	0.126	29	1.07	0.035	0.005	0.999	0.001
10	1.92	0.316	0.458	0.900	0.100	30	1.07	0.032	0.004	0.999	0.001
11	1.78	0.282	0.359	0.921	0.079	31	1.06	0.028	0.003	0.999	0.001
12	1.67	0.251	0.283	0.937	0.063	32	1.05	0.025	0.003	0.999	0.001
13	1.58	0.224	0.223	0.950	0.050	33	1.05	0.022	0.002	0.999	0.001
14	1.50	0.200	0.176	0.960	0.040	34	1.04	0.020	0.002	1.000	0.000
15	1.43	0.178	0.140	0.968	0.032	35	1.04	0.018	0.001	1.000	0.000
16	1.38	0.158	0.110	0.975	0.025	36	1.03	0.016	0.001	1.000	0.000
17	1.33	0.141	0.088	0.980	0.020	37	1.03	0.014	0.001	1.000	0.000
18	1.29	0.126	0.069	0.984	0.016	38	1.03	0.013	0.001	1.000	0.000
19	1.25	0.112	0.055	0.987	0.013	39	1.02	0.011	0.001	1.000	0.000
20	1.22	0.100	0.044	0.990	0.010	40	1.02	0.010	0.000	1.000	0.000

SWR	Return Loss - dB	GAMMA	SWR	Return Loss - dB	GAMMA	SWR	Return Loss - dB	GAMMA	SWR	Return Loss - dB	GAMMA
1.01	46.1	0.00	1.16	22.6	0.07	1.31	17.4	0.13	1.46	14.6	-1.00
1.02	40.1	0.01	1.17	22.1	0.08	1.32	17.2	0.14	1.47	14.4	-1.00
1.03	36.6	0.01	1.18	21.7	0.08	1.33	17.0	0.14	1.48	14.3	-1.00
1.04	34.2	0.02	1.19	21.2	0.09	1.34	16.8	0.15	1.49	14.1	-1.00
1.05	32.3	0.02	1.2	20.8	0.09	1.35	16.5	0.15	1.5	14.0	-1.00
1.06	30.7	0.03	1.21	20.4	0.10	1.36	16.3	0.15	1.51	13.8	-1.00
1.07	29.4	0.03	1.22	20.1	0.10	1.37	16.1	0.16	1.52	13.7	-1.00
1.08	28.3	0.04	1.23	19.7	0.10	1.38	15.9	0.16	1.53	13.6	-1.00
1.09	27.3	0.04	1.24	19.4	0.11	1.39	15.7	0.16	1.54	13.4	-1.00
1.1	26.4	0.05	1.25	19.1	0.11	1.4	15.6	0.17	1.55	13.3	-1.00
1.11	25.7	0.05	1.26	18.8	0.12	1.41	15.4	0.17	1.56	13.2	-1.00
1.12	24.9	0.06	1.27	18.5	0.12	1.42	15.2	0.17	1.57	13.1	-1.00
1.13	24.3	0.06	1.28	18.2	0.12	1.43	15.0	0.18	1.58	13.0	-1.00
1.14	23.7	0.07	1.29	17.9	0.13	1.44	14.9	0.18	1.59	12.8	-1.00
1.15	23.1	0.07	1.3	17.7	0.13	1.45	14.7	0.18	1.6	12.7	-1.00