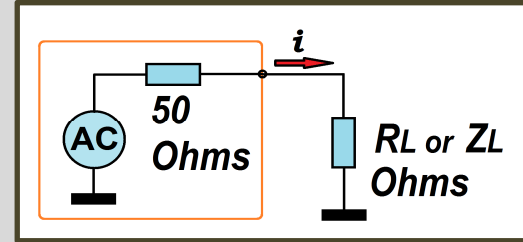


50 Ohms matching - Return Loss whole table

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VSWR	$\rho$	Return Loss			Mismatch Loss		Impedance LOAD RL or ZL (Ohms)		VSWR	$\rho$	Return Loss			Mismatch Loss		Impedance LOAD RL or ZL (Ohms)		VSWR	$\rho$	Return Loss			Mismatch Loss		Impedance LOAD RL or ZL (Ohms)	
		S11 (dB)	Voltage Loss (%)	Power Loss (%)	Power Ratio	S21 (dB)	High	Low			S11 (dB)	Voltage Loss (%)	Power Loss (%)	Power Ratio	S21 (dB)	High	Low			S11 (dB)	Voltage Loss (%)	Power Loss (%)	Power Ratio	S21 (dB)	High	Low
1.02	0.0099	-40.09	0.990	0.01	1.000	0.000	51.00	49.02	1.52	0.206	-13.72	20.60	4.25	0.958	-0.186	75.94	32.92	2.02	0.338	-9.42	33.80	11.4	0.886	-0.526	101.06	24.74
1.04	0.0196	-34.15	1.961	0.04	1.000	-0.002	52.00	48.08	1.54	0.213	-13.43	21.30	4.54	0.955	-0.200	77.06	32.44	2.04	0.342	-9.32	34.20	11.7	0.883	-0.540	101.98	24.52
1.06	0.0291	-30.71	2.913	0.08	0.999	-0.004	53.00	47.17	1.56	0.219	-13.19	21.90	4.80	0.952	-0.214	78.04	32.03	2.06	0.346	-9.22	34.60	12.0	0.880	-0.555	102.91	24.29
1.08	0.0385	-28.30	3.846	0.15	0.999	-0.007	54.00	46.30	1.58	0.225	-12.96	22.50	5.06	0.949	-0.227	79.03	31.63	2.08	0.351	-9.09	35.10	12.3	0.877	-0.570	104.08	24.02
1.10	0.0476	-26.44	4.762	0.23	0.998	-0.009	55.00	45.45	1.60	0.231	-12.73	23.10	5.33	0.947	-0.237	80.04	31.23	2.10	0.355	-9.00	35.50	12.6	0.874	-0.585	105.04	23.80
1.12	0.0566	-24.94	5.660	0.32	0.997	-0.013	56.00	44.64	1.62	0.237	-12.51	23.70	5.61	0.944	-0.250	81.06	30.84	2.12	0.359	-8.90	35.90	12.9	0.871	-0.600	106.01	23.58
1.14	0.0654	-23.69	6.542	0.43	0.996	-0.017	57.00	43.86	1.64	0.242	-12.32	24.20	5.86	0.941	-0.264	81.93	30.52	2.14	0.363	-8.80	36.30	13.2	0.868	-0.615	106.99	23.37
1.16	0.0741	-22.61	7.407	0.55	0.995	-0.022	58.00	43.10	1.66	0.248	-12.11	24.80	6.15	0.938	-0.278	82.98	30.13	2.16	0.367	-8.71	36.70	13.5	0.865	-0.630	107.98	23.15
1.18	0.0826	-21.66	8.257	0.68	0.993	-0.031	59.00	42.37	1.68	0.254	-11.90	25.40	6.46	0.935	-0.292	84.05	29.74	2.18	0.371	-8.61	37.10	13.8	0.862	-0.645	108.98	22.94
1.20	0.0909	-20.83	9.091	0.83	0.992	-0.035	60.00	41.67	1.70	0.259	-11.73	25.90	6.71	0.933	-0.301	84.95	29.43	2.20	0.375	-8.52	37.50	14.1	0.859	-0.660	110.00	22.73
1.22	0.0991	-20.08	9.910	0.98	0.990	-0.044	61.00	40.98	1.72	0.265	-11.54	26.50	7.01	0.930	-0.315	86.05	29.05	2.22	0.379	-8.43	37.90	14.4	0.856	-0.675	111.03	22.52
1.24	0.107	-19.41	10.70	1.15	0.989	-0.048	61.98	40.33	1.74	0.270	-11.37	27.00	7.29	0.927	-0.329	86.99	28.74	2.24	0.383	-8.34	38.30	14.7	0.853	-0.691	112.07	22.31
1.26	0.115	-18.79	11.50	1.32	0.987	-0.057	62.99	39.69	1.76	0.275	-11.21	27.50	7.57	0.924	-0.343	87.93	28.43	2.26	0.387	-8.25	38.70	15.0	0.850	-0.706	113.13	22.10
1.28	0.123	-18.20	12.30	1.51	0.985	-0.066	64.03	39.05	1.78	0.281	-11.03	28.10	7.89	0.921	-0.357	89.08	28.06	2.28	0.390	-8.18	39.00	15.2	0.848	-0.716	113.93	21.94
1.30	0.130	-17.72	13.00	1.69	0.983	-0.075	64.94	38.50	1.80	0.286	-10.87	28.60	8.18	0.918	-0.372	90.06	27.76	2.30	0.394	-8.09	39.40	15.5	0.845	-0.731	115.02	21.74
1.32	0.138	-17.20	13.80	1.91	0.981	-0.083	66.01	37.87	1.82	0.291	-10.72	29.10	8.47	0.915	-0.386	91.04	27.46	2.32	0.398	-8.00	39.80	15.8	0.842	-0.747	116.11	21.53
1.34	0.145	-16.77	14.50	2.10	0.979	-0.092	66.96	37.34	1.84	0.296	-10.57	29.60	8.77	0.912	-0.400	92.05	27.16	2.34	0.401	-7.94	40.10	16.1	0.839	-0.762	116.94	21.38
1.36	0.153	-16.31	15.30	2.34	0.977	-0.101	68.06	36.73	1.86	0.301	-10.43	30.10	9.06	0.909	-0.414	93.06	26.86	2.36	0.405	-7.85	40.50	16.4	0.836	-0.778	118.07	21.17
1.38	0.160	-15.92	16.00	2.56	0.974	-0.114	69.05	36.21	1.88	0.306	-10.29	30.60	9.35	0.906	-0.429	94.09	26.57	2.38	0.408	-7.79	40.80	16.6	0.834	-0.788	118.92	21.02
1.40	0.167	-15.55	16.70	2.79	0.972	-0.123	70.05	35.69	1.90	0.310	-10.17	31.00	9.62	0.904	-0.438	94.93	26.34	2.40	0.412	-7.70	41.20	17.0	0.830	-0.809	120.07	20.82
1.42	0.174	-15.19	17.40	3.03	0.970	-0.132	71.07	35.18	1.92	0.315	-10.03	31.50	9.93	0.901	-0.453	95.99	26.05	2.42	0.415	-7.64	41.50	17.2	0.828	-0.820	120.94	20.67
1.44	0.180	-14.89	18.00	3.24	0.968	-0.141	71.95	34.75	1.94	0.320	-9.90	32.00	10.2	0.898	-0.467	97.06	25.76	2.44	0.419	-7.56	41.90	17.5	0.824	-0.841	122.12	20.47
1.46	0.187	-14.56	18.70	3.50	0.965	-0.155	73.00	34.25	1.96	0.324	-9.79	32.40	10.5	0.895	-0.482	97.93	25.53	2.46	0.422	-7.49	42.20	17.8	0.822	-0.851	123.01	20.32
1.48	0.194	-14.24	19.40	3.77	0.962	-0.168	74.07	33.75	1.98	0.329	-9.66	32.90	10.8	0.892	-0.496	99.03	25.24	2.48	0.425	-7.43	42.50	18.1	0.819	-0.867	123.91	20.18
1.5	0.200	-13.98	20.00	4.00	0.960	-0.177	75.00	33.33	2.0	0.333	-9.55	33.30	11.1	0.889	-0.511	99.93	25.02	2.5	0.429	-7.35	42.90	18.4	0.816	-0.883	125.13	19.98