MYAT, INC. Broadcast Transmission Line Systems, Filters & Combiners
360 Franklin Turnpike, Mahwah, NJ 07430
Phone (201) 684-0100
Fax (201) 684-0104

12" 50 Ohm Rigid Coaxial Transmission Line, AM Ratings and Efficiency in Percent

Freq. kHz	ATTEN. in dB/100 ft	500 ft	1000 ft	1500 ft	2000 ft	2500 ft
535	0.00207	99.762	99.524	99.287	99.050	98.814
540	0.00208	99.761	99.522	99.283	99.046	98.809
545	0.00209	99.759	99.520	99.280	99.041	98.803
550	0.00210	99.758	99.517	99.277	99.037	98.798
555	0.00211	99.757	99.515	99.274	99.033	98.792
560	0.00212	99.756	99.513	99.270	99.028	98.787
565	0.00213	99.755	99.511	99.267	99.024	98.782
570	0.00214	99.754	99.509	99.264	99.020	98.776
575	0.00215	99.753	99.507	99.261	99.015	98.771
580	0.00216	99.752	99.504	99.257	99.011	98.766
585	0.00217	99.751	99.502	99.254	99.007	98.760
590	0.00218	99.750	99.500	99.251	99.003	98.755
595	0.00219	99.749	99.498	99.248	98.999	98.750
600	0.00219	99.748	99.496	99.245	98.994	98.745
605	0.00220	99.747	99.494	99.242	98.990	98.739
610	0.00221	99.746	99.492	99.239	98.986	98.734
615	0.00222	99.745	99.490	99.235	98.982	98.729
620	0.00223	99.743	99.488	99.232	98.978	98.724
625	0.00224	99.742	99.486	99.229	98.974	98.719
630	0.00225	99.741	99.484	99.226	98.970	98.714
635	0.00226	99.740	99.481	99.223	98.966	98.709
640	0.00227	99.739	99.479	99.220	98.962	98.704
645	0.00228	99.738	99.477	99.217	98.958	98.699
650	0.00228	99.737	99.475	99.214	98.954	98.694
655	0.00229	99.736	99.473	99.211	98.950	98.689
660	0.00230	99.735	99.471	99.208	98.946	98.684
665	0.00231	99.734	99.469	99.205	98.942	98.679
670	0.00232	99.733	99.467	99.202	98.938	98.674
675	0.00233	99.732	99.465	99.199	98.934	98.669
680	0.00234	99.731	99.463	99.196	98.930	98.664
685	0.00235	99.730	99.461	99.193	98.926	98.659
690	0.00235	99.729	99.460	99.190	98.922	98.654
695	0.00236	99.728	99.458	99.187	98.918	98.649
700	0.00237	99.727	99.456	99.185	98.914	98.645
705	0.00238	99.726	99.454	99.182	98.910	98.640
710	0.00239	99.726	99.452	99.179	98.907	98.635
715	0.00240	99.725	99.450	99.176	98.903	98.630
720	0.00240	99.724	99.448	99.173	98.899	98.626
725	0.00241	99.723	99.446	99.170	98.895	98.621
730	0.00242	99.722	99.444	99.167	98.891	98.616
735	0.00243	99.721	99.442	99.165	98.888	98.611
740	0.00244	99.720	99.440	99.162	98.884	98.607
745	0.00245	99.719	99.438	99.159	98.880	98.602
750	0.00245	99.718	99.437	99.156	98.876	98.597
755	0.00246	99.717	99.435	99.153	98.873	98.593
760	0.00247	99.716	99.433	99.151	98.869	98.588
765	0.00248	99.715	99.431	99.148	98.865	98.584
770	0.00249	99.714	99.429	99.145	98.862	98.579
775	0.00249	99.713	99.427	99.142	98.858	98.574
780	0.00250	99.712	99.425	99.139	98.854	98.570

Standard Conditions:
Attenuation: Ambient Temperature 20°C (68°F), Dry Air, Sea Level Atmospheric Pressure, VSWR 1.0, 0KW
Average Power: Ambient Temperature 40°C (104°F), Inner Conductor Temperature 100°C (212°F), Dry Air, Sea Level Atmospheric Pressure, VSWR 1.0

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Freq. kHz	ATTEN. in dB/100 ft	500 ft	1000 ft	1500 ft	2000 ft	2500 ft
785	0.00251	99.711	99.424	99.137	98.851	98.565
790	0.00252	99.710	99.422	99.134	98.847	98.561
795	0.00253	99.710	99.420	99.131	98.843	98.556
800	0.00253	99.709	99.418	99.129	98.840	98.552
805	0.00254	99.708	99.416	99.126	98.836	98.547
810	0.00255	99.707	99.415	99.123	98.833	98.543
815	0.00256	99.706	99.413	99.120	98.829	98.538
820	0.00257	99.705	99.411	99.118	98.825	98.534
825	0.00257	99.704	99.409	99.115	98.822	98.529
830	0.00258	99.703	99.407	99.112	98.818	98.525
835	0.00259	99.702	99.406	99.110	98.815	98.521
840	0.00260	99.701	99.404	99.107	98.811	98.516
845	0.00260	99.701	99.402	99.104	98.808	98.512
850	0.00261	99.700	99.400	99.102	98.804	98.508
855	0.00262	99.699	99.399	99.099	98.801	98.503
860	0.00263	99.698	99.397	99.097	98.797	98.499
865	0.00264	99.697	99.395	99.094	98.794	98.495
870	0.00264	99.696	99.393	99.091	98.790	98.490
875	0.00265	99.695	99.392	99.089	98.787	98.486
880	0.00266	99.694	99.390	99.086	98.783	98.482
885	0.00267	99.694	99.388	99.084	98.780	98.477
890	0.00267	99.693	99.386	99.081	98.777	98.473
895	0.00268	99.692	99.385	99.078	98.773	98.469
900	0.00269	99.691	99.383	99.076	98.770	98.465
905	0.00270	99.690	99.381	99.073	98.766	98.460
910	0.00270	99.689	99.380	99.071	98.763	98.456
915	0.00271	99.688	99.378	99.068	98.760	98.452
920	0.00272	99.688	99.376	99.066	98.756	98.448
925	0.00273	99.687	99.375	99.063	98.753	98.444
930	0.00273	99.686	99.373	99.061	98.750	98.439
935	0.00274	99.685	99.371	99.058	98.746	98.435
940	0.00275	99.684	99.369	99.056	98.743	98.431
945	0.00275	99.683	99.368	99.053	98.740	98.427
950	0.00276	99.683	99.366	99.051	98.736	98.423
955	0.00277	99.682	99.364	99.048	98.733	98.419
960	0.00278	99.681	99.363	99.046	98.730	98.415
965	0.00278	99.680	99.361	99.043	98.726	98.411
970	0.00279	99.679	99.360	99.041	98.723	98.406
975	0.00280	99.678	99.358	99.038	98.720	98.402
980	0.00280	99.678	99.356	99.036	98.717	98.398
985	0.00281	99.677	99.355	99.033	98.713	98.394
990	0.00282	99.676	99.353	99.031	98.710	98.390
995	0.00283	99.675	99.351	99.029	98.707	98.386
1000	0.00283	99.674	99.350	99.026	98.704	98.382
1100	0.00297	99.658	99.318	98.979	98.641	98.304
1200	0.00310	99.643	99.288	98.934	98.581	98.229
1300	0.00323	99.629	99.259	98.890	98.523	98.158
1400	0.00335	99.615	99.231	98.849	98.468	98.089
1500	0.00347	99.601	99.204	98.809	98.415	98.022
1600	0.00358	99.588	99.178	98.770	98.363	97.958
1700	0.00369	99.576	99.153	98.732	98.313	97.896

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