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

12" 75 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	0.00181	99.792	99.584	99.376	99.169	98.962
540	0.00182	99.791	99.582	99.373	99.165	98.957
545	0.00183	99.790	99.580	99.370	99.161	98.953
550	0.00184	99.789	99.578	99.367	99.157	98.948
555	0.00185	99.788	99.576	99.364	99.154	98.943
560	0.00185	99.787	99.574	99.362	99.150	98.938
565	0.00186	99.786	99.572	99.359	99.146	98.934
570	0.00187	99.785	99.570	99.356	99.142	98.929
575	0.00188	99.784	99.568	99.353	99.138	98.924
580	0.00189	99.783	99.566	99.350	99.135	98.920
585	0.00190	99.782	99.565	99.348	99.131	98.915
590	0.00190	99.781	99.563	99.345	99.127	98.910
595	0.00191	99.780	99.561	99.342	99.124	98.906
600	0.00192	99.779	99.559	99.339	99.120	98.901
605	0.00193	99.778	99.557	99.337	99.116	98.897
610	0.00194	99.777	99.555	99.334	99.113	98.892
615	0.00194	99.777	99.554	99.331	99.109	98.888
620	0.00195	99.776	99.552	99.328	99.106	98.883
625	0.00196	99.775	99.550	99.326	99.102	98.879
630	0.00197	99.774	99.548	99.323	99.098	98.874
635	0.00197	99.773	99.546	99.320	99.095	98.870
640	0.00198	99.772	99.545	99.318	99.091	98.865
645	0.00199	99.771	99.543	99.315	99.088	98.861
650	0.00200	99.770	99.541	99.312	99.084	98.857
655	0.00201	99.769	99.539	99.310	99.081	98.852
660	0.00201	99.769	99.538	99.307	99.077	98.848
665	0.00202	99.768	99.536	99.305	99.074	98.844
670	0.00203	99.767	99.534	99.302	99.070	98.839
675	0.00204	99.766	99.532	99.299	99.067	98.835
680	0.00204	99.765	99.531	99.297	99.063	98.831
685	0.00205	99.764	99.529	99.294	99.060	98.826
690	0.00206	99.763	99.527	99.292	99.057	98.822
695	0.00207	99.762	99.525	99.289	99.053	98.818
700	0.00207	99.762	99.524	99.287	99.050	98.814
705	0.00208	99.761	99.522	99.284	99.046	98.810
710	0.00209	99.760	99.520	99.281	99.043	98.805
715	0.00210	99.759	99.519	99.279	99.040	98.801
720	0.00210	99.758	99.517	99.276	99.036	98.797
725	0.00211	99.757	99.515	99.274	99.033	98.793
730	0.00212	99.757	99.514	99.271	99.030	98.789
735	0.00212	99.756	99.512	99.269	99.027	98.785
740	0.00213	99.755	99.510	99.267	99.023	98.781
745	0.00214	99.754	99.509	99.264	99.020	98.776
750	0.00215	99.753	99.507	99.262	99.017	98.772
755	0.00215	99.752	99.505	99.259	99.013	98.768
760	0.00216	99.752	99.504	99.257	99.010	98.764
765	0.00217	99.751	99.502	99.254	99.007	98.760
770	0.00217	99.750	99.501	99.252	99.004	98.756
775	0.00218	99.749	99.499	99.249	99.000	98.752
780	0.00219	99.748	99.497	99.247	98.997	98.748

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	0.00220	99.748	99.496	99.245	98.994	98.744
790	0.00220	99.747	99.494	99.242	98.991	98.740
795	0.00221	99.746	99.493	99.240	98.988	98.736
800	0.00222	99.745	99.491	99.237	98.985	98.732
805	0.00222	99.744	99.489	99.235	98.981	98.728
810	0.00223	99.744	99.488	99.233	98.978	98.724
815	0.00224	99.743	99.486	99.230	98.975	98.721
820	0.00224	99.742	99.485	99.228	98.972	98.717
825	0.00225	99.741	99.483	99.226	98.969	98.713
830	0.00226	99.740	99.482	99.223	98.966	98.709
835	0.00226	99.740	99.480	99.221	98.963	98.705
840	0.00227	99.739	99.478	99.219	98.960	98.701
845	0.00228	99.738	99.477	99.216	98.957	98.697
850	0.00228	99.737	99.475	99.214	98.953	98.694
855	0.00229	99.737	99.474	99.212	98.950	98.690
860	0.00230	99.736	99.472	99.209	98.947	98.686
865	0.00230	99.735	99.471	99.207	98.944	98.682
870	0.00231	99.734	99.469	99.205	98.941	98.678
875	0.00232	99.734	99.468	99.203	98.938	98.675
880	0.00232	99.733	99.466	99.200	98.935	98.671
885	0.00233	99.732	99.465	99.198	98.932	98.667
890	0.00234	99.731	99.463	99.196	98.929	98.663
895	0.00234	99.730	99.462	99.194	98.926	98.660
900	0.00235	99.730	99.460	99.191	98.923	98.656
905	0.00236	99.729	99.459	99.189	98.920	98.652
910	0.00236	99.728	99.457	99.187	98.917	98.649
915	0.00237	99.727	99.456	99.185	98.914	98.645
920	0.00238	99.727	99.454	99.182	98.911	98.641
925	0.00238	99.726	99.453	99.180	98.909	98.638
930	0.00239	99.725	99.451	99.178	98.906	98.634
935	0.00240	99.725	99.450	99.176	98.903	98.630
940	0.00240	99.724	99.448	99.174	98.900	98.627
945	0.00241	99.723	99.447	99.172	98.897	98.623
950	0.00242	99.722	99.445	99.169	98.894	98.619
955	0.00242	99.722	99.444	99.167	98.891	98.616
960	0.00243	99.721	99.443	99.165	98.888	98.612
965	0.00243	99.720	99.441	99.163	98.885	98.609
970	0.00244	99.719	99.440	99.161	98.882	98.605
975	0.00245	99.719	99.438	99.159	98.880	98.601
980	0.00245	99.718	99.437	99.156	98.877	98.598
985	0.00246	99.717	99.435	99.154	98.874	98.594
990	0.00247	99.717	99.434	99.152	98.871	98.591
995	0.00247	99.716	99.433	99.150	98.868	98.587
1000	0.00248	99.715	99.431	99.148	98.865	98.584
1100	0.00260	99.701	99.403	99.106	98.810	98.515
1200	0.00271	99.688	99.377	99.067	98.758	98.450
1300	0.00283	99.675	99.352	99.029	98.707	98.387
1400	0.00293	99.663	99.327	98.993	98.659	98.326
1500	0.00303	99.651	99.304	98.957	98.612	98.268
1600	0.00313	99.640	99.281	98.923	98.567	98.212
1700	0.00323	99.629	99.259	98.890	98.523	98.157

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