



**MMA INC.** Broadcast Transmission Line Systems, Filters & Combiners  
 360 Franklin Turnpike, Mahwah, NJ 07430

Phone (201) 684-0100  
 Fax (201) 684-0104

**6 1/8" 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	0.00321	99.632	99.265	98.899	98.535	98.172
540	0.00322	99.630	99.261	98.894	98.528	98.163
545	0.00323	99.628	99.258	98.889	98.521	98.155
550	0.00325	99.627	99.255	98.884	98.515	98.147
555	0.00326	99.625	99.251	98.879	98.508	98.138
560	0.00328	99.623	99.248	98.874	98.501	98.130
565	0.00329	99.622	99.244	98.869	98.495	98.122
570	0.00331	99.620	99.241	98.864	98.488	98.114
575	0.00332	99.618	99.238	98.859	98.481	98.105
580	0.00334	99.617	99.235	98.854	98.475	98.097
585	0.00335	99.615	99.231	98.849	98.468	98.089
590	0.00337	99.613	99.228	98.844	98.462	98.081
595	0.00338	99.612	99.225	98.839	98.455	98.073
600	0.00339	99.610	99.222	98.835	98.449	98.065
605	0.00341	99.608	99.218	98.830	98.443	98.057
610	0.00342	99.607	99.215	98.825	98.436	98.049
615	0.00344	99.605	99.212	98.820	98.430	98.041
620	0.00345	99.604	99.209	98.815	98.424	98.033
625	0.00346	99.602	99.206	98.811	98.417	98.026
630	0.00348	99.600	99.202	98.806	98.411	98.018
635	0.00349	99.599	99.199	98.801	98.405	98.010
640	0.00351	99.597	99.196	98.797	98.399	98.002
645	0.00352	99.596	99.193	98.792	98.392	97.995
650	0.00353	99.594	99.190	98.787	98.386	97.987
655	0.00355	99.593	99.187	98.783	98.380	97.979
660	0.00356	99.591	99.184	98.778	98.374	97.972
665	0.00357	99.589	99.181	98.773	98.368	97.964
670	0.00359	99.588	99.178	98.769	98.362	97.956
675	0.00360	99.586	99.174	98.764	98.356	97.949
680	0.00361	99.585	99.171	98.760	98.350	97.941
685	0.00363	99.583	99.168	98.755	98.344	97.934
690	0.00364	99.582	99.165	98.751	98.338	97.927
695	0.00365	99.580	99.162	98.746	98.332	97.919
700	0.00367	99.579	99.159	98.742	98.326	97.912
705	0.00368	99.577	99.156	98.737	98.320	97.904
710	0.00369	99.576	99.153	98.733	98.314	97.897
715	0.00371	99.574	99.150	98.728	98.308	97.890
720	0.00372	99.573	99.148	98.724	98.302	97.882
725	0.00373	99.571	99.145	98.720	98.296	97.875
730	0.00374	99.570	99.142	98.715	98.291	97.868
735	0.00376	99.568	99.139	98.711	98.285	97.861
740	0.00377	99.567	99.136	98.707	98.279	97.854
745	0.00378	99.566	99.133	98.702	98.273	97.846
750	0.00379	99.564	99.130	98.698	98.268	97.839
755	0.00381	99.563	99.127	98.694	98.262	97.832
760	0.00382	99.561	99.124	98.689	98.256	97.825
765	0.00383	99.560	99.121	98.685	98.251	97.818
770	0.00385	99.558	99.119	98.681	98.245	97.811
775	0.00386	99.557	99.116	98.676	98.239	97.804
780	0.00387	99.555	99.113	98.672	98.234	97.797

**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	0.00388	99.554	99.110	98.668	98.228	97.790
790	0.00389	99.553	99.107	98.664	98.222	97.783
795	0.00391	99.551	99.104	98.660	98.217	97.776
800	0.00392	99.550	99.102	98.655	98.211	97.769
805	0.00393	99.548	99.099	98.651	98.206	97.762
810	0.00394	99.547	99.096	98.647	98.200	97.755
815	0.00396	99.546	99.093	98.643	98.195	97.749
820	0.00397	99.544	99.091	98.639	98.189	97.742
825	0.00398	99.543	99.088	98.635	98.184	97.735
830	0.00399	99.541	99.085	98.631	98.178	97.728
835	0.00400	99.540	99.082	98.627	98.173	97.721
840	0.00402	99.539	99.080	98.622	98.168	97.715
845	0.00403	99.537	99.077	98.618	98.162	97.708
850	0.00404	99.536	99.074	98.614	98.157	97.701
855	0.00405	99.535	99.071	98.610	98.151	97.695
860	0.00406	99.533	99.069	98.606	98.146	97.688
865	0.00408	99.532	99.066	98.602	98.141	97.681
870	0.00409	99.531	99.063	98.598	98.135	97.675
875	0.00410	99.529	99.061	98.594	98.130	97.668
880	0.00411	99.528	99.058	98.590	98.125	97.662
885	0.00412	99.527	99.055	98.586	98.120	97.655
890	0.00413	99.525	99.053	98.582	98.114	97.648
895	0.00415	99.524	99.050	98.578	98.109	97.642
900	0.00416	99.523	99.047	98.574	98.104	97.635
905	0.00417	99.521	99.045	98.571	98.099	97.629
910	0.00418	99.520	99.042	98.567	98.093	97.622
915	0.00419	99.519	99.040	98.563	98.088	97.616
920	0.00420	99.517	99.037	98.559	98.083	97.610
925	0.00421	99.516	99.034	98.555	98.078	97.603
930	0.00423	99.515	99.032	98.551	98.073	97.597
935	0.00424	99.513	99.029	98.547	98.068	97.590
940	0.00425	99.512	99.027	98.543	98.063	97.584
945	0.00426	99.511	99.024	98.540	98.057	97.578
950	0.00427	99.509	99.021	98.536	98.052	97.571
955	0.00428	99.508	99.019	98.532	98.047	97.565
960	0.00429	99.507	99.016	98.528	98.042	97.559
965	0.00430	99.506	99.014	98.524	98.037	97.553
970	0.00432	99.504	99.011	98.520	98.032	97.546
975	0.00433	99.503	99.009	98.517	98.027	97.540
980	0.00434	99.502	99.006	98.513	98.022	97.534
985	0.00435	99.501	99.004	98.509	98.017	97.528
990	0.00436	99.499	99.001	98.505	98.012	97.521
995	0.00437	99.498	98.999	98.502	98.007	97.515
1000	0.00438	99.497	98.996	98.498	98.002	97.509
1100	0.00460	99.472	98.947	98.425	97.906	97.389
1200	0.00480	99.449	98.901	98.356	97.814	97.275
1300	0.00500	99.426	98.856	98.289	97.725	97.165
1400	0.00518	99.405	98.813	98.225	97.641	97.060
1500	0.00537	99.384	98.772	98.163	97.559	96.958
1600	0.00554	99.364	98.732	98.104	97.480	96.860
1700	0.00571	99.344	98.693	98.046	97.403	96.765

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