



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

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

9 3/16" 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	0.00213	99.755	99.511	99.267	99.024	98.781
540	0.00214	99.754	99.508	99.263	99.019	98.775
545	0.00215	99.753	99.506	99.260	99.015	98.770
550	0.00216	99.752	99.504	99.257	99.010	98.764
555	0.00217	99.750	99.502	99.253	99.006	98.759
560	0.00218	99.749	99.499	99.250	99.001	98.753
565	0.00219	99.748	99.497	99.247	98.997	98.748
570	0.00220	99.747	99.495	99.243	98.992	98.742
575	0.00221	99.746	99.493	99.240	98.988	98.737
580	0.00222	99.745	99.491	99.237	98.984	98.731
585	0.00223	99.744	99.488	99.233	98.979	98.726
590	0.00224	99.743	99.486	99.230	98.975	98.720
595	0.00225	99.742	99.484	99.227	98.971	98.715
600	0.00226	99.741	99.482	99.224	98.966	98.710
605	0.00227	99.740	99.480	99.221	98.962	98.704
610	0.00227	99.738	99.478	99.217	98.958	98.699
615	0.00228	99.737	99.475	99.214	98.954	98.694
620	0.00229	99.736	99.473	99.211	98.949	98.688
625	0.00230	99.735	99.471	99.208	98.945	98.683
630	0.00231	99.734	99.469	99.205	98.941	98.678
635	0.00232	99.733	99.467	99.202	98.937	98.673
640	0.00233	99.732	99.465	99.198	98.933	98.668
645	0.00234	99.731	99.463	99.195	98.928	98.662
650	0.00235	99.730	99.461	99.192	98.924	98.657
655	0.00236	99.729	99.459	99.189	98.920	98.652
660	0.00237	99.728	99.457	99.186	98.916	98.647
665	0.00238	99.727	99.455	99.183	98.912	98.642
670	0.00238	99.726	99.453	99.180	98.908	98.637
675	0.00239	99.725	99.450	99.177	98.904	98.632
680	0.00240	99.724	99.448	99.174	98.900	98.627
685	0.00241	99.723	99.446	99.171	98.896	98.622
690	0.00242	99.722	99.444	99.168	98.892	98.617
695	0.00243	99.721	99.442	99.165	98.888	98.612
700	0.00244	99.720	99.440	99.162	98.884	98.607
705	0.00245	99.719	99.438	99.159	98.880	98.602
710	0.00245	99.718	99.436	99.156	98.876	98.597
715	0.00246	99.717	99.434	99.153	98.872	98.592
720	0.00247	99.716	99.433	99.150	98.868	98.587
725	0.00248	99.715	99.431	99.147	98.864	98.582
730	0.00249	99.714	99.429	99.144	98.860	98.578
735	0.00250	99.713	99.427	99.141	98.857	98.573
740	0.00251	99.712	99.425	99.138	98.853	98.568
745	0.00251	99.711	99.423	99.135	98.849	98.563
750	0.00252	99.710	99.421	99.133	98.845	98.558
755	0.00253	99.709	99.419	99.130	98.841	98.554
760	0.00254	99.708	99.417	99.127	98.837	98.549
765	0.00255	99.707	99.415	99.124	98.834	98.544
770	0.00256	99.706	99.413	99.121	98.830	98.539
775	0.00256	99.705	99.411	99.118	98.826	98.535
780	0.00257	99.704	99.409	99.115	98.822	98.530

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	0.00258	99.703	99.408	99.113	98.819	98.525
790	0.00259	99.702	99.406	99.110	98.815	98.521
795	0.00260	99.701	99.404	99.107	98.811	98.516
800	0.00261	99.701	99.402	99.104	98.807	98.511
805	0.00261	99.700	99.400	99.101	98.804	98.507
810	0.00262	99.699	99.398	99.099	98.800	98.502
815	0.00263	99.698	99.396	99.096	98.796	98.498
820	0.00264	99.697	99.395	99.093	98.793	98.493
825	0.00265	99.696	99.393	99.090	98.789	98.489
830	0.00265	99.695	99.391	99.088	98.785	98.484
835	0.00266	99.694	99.389	99.085	98.782	98.480
840	0.00267	99.693	99.387	99.082	98.778	98.475
845	0.00268	99.692	99.385	99.079	98.775	98.471
850	0.00269	99.691	99.384	99.077	98.771	98.466
855	0.00269	99.690	99.382	99.074	98.767	98.462
860	0.00270	99.689	99.380	99.071	98.764	98.457
865	0.00271	99.689	99.378	99.069	98.760	98.453
870	0.00272	99.688	99.376	99.066	98.757	98.448
875	0.00272	99.687	99.375	99.063	98.753	98.444
880	0.00273	99.686	99.373	99.061	98.750	98.439
885	0.00274	99.685	99.371	99.058	98.746	98.435
890	0.00275	99.684	99.369	99.055	98.743	98.431
895	0.00276	99.683	99.368	99.053	98.739	98.426
900	0.00276	99.682	99.366	99.050	98.736	98.422
905	0.00277	99.681	99.364	99.048	98.732	98.418
910	0.00278	99.681	99.362	99.045	98.729	98.413
915	0.00279	99.680	99.361	99.042	98.725	98.409
920	0.00279	99.679	99.359	99.040	98.722	98.405
925	0.00280	99.678	99.357	99.037	98.718	98.400
930	0.00281	99.677	99.355	99.035	98.715	98.396
935	0.00282	99.676	99.354	99.032	98.711	98.392
940	0.00282	99.675	99.352	99.029	98.708	98.388
945	0.00283	99.675	99.350	99.027	98.704	98.383
950	0.00284	99.674	99.348	99.024	98.701	98.379
955	0.00285	99.673	99.347	99.022	98.698	98.375
960	0.00285	99.672	99.345	99.019	98.694	98.371
965	0.00286	99.671	99.343	99.017	98.691	98.366
970	0.00287	99.670	99.342	99.014	98.688	98.362
975	0.00288	99.669	99.340	99.012	98.684	98.358
980	0.00288	99.669	99.338	99.009	98.681	98.354
985	0.00289	99.668	99.337	99.007	98.678	98.350
990	0.00290	99.667	99.335	99.004	98.674	98.346
995	0.00291	99.666	99.333	99.002	98.671	98.341
1000	0.00291	99.665	99.332	98.999	98.668	98.337
1100	0.00305	99.649	99.299	98.950	98.603	98.257
1200	0.00319	99.633	99.268	98.904	98.541	98.180
1300	0.00332	99.618	99.238	98.860	98.482	98.106
1400	0.00345	99.604	99.210	98.817	98.425	98.036
1500	0.00357	99.590	99.182	98.775	98.371	97.967
1600	0.00368	99.577	99.155	98.736	98.318	97.901
1700	0.00380	99.564	99.129	98.697	98.266	97.838

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