



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

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9 3/16" 75 Ohm Rigid Coaxial Transmission Line, TV Ratings and Efficiency in Percent

CH #	Freq. MHz	ATTEN. in dB/100 ft	Average Power (Kilowatts)	250 ft	500 ft	750 ft	1000 ft	1250 ft	1500 ft	1750 ft	2000 ft
2	54	0.0214	423.770	98.78	97.57	96.37	95.19	94.03	92.87	91.74	90.61
3	60	0.0226	402.023	98.71	97.44	96.18	94.94	93.71	92.50	91.31	90.13
4	66	0.0237	383.314	98.65	97.31	96.00	94.70	93.42	92.15	90.91	89.68
5	76	0.0254	357.207	98.55	97.12	95.71	94.32	92.95	91.60	90.27	88.96
6	82	0.0264	343.890	98.49	97.01	95.55	94.11	92.69	91.29	89.92	88.56
7	174	0.0384	236.076	97.81	95.67	93.58	91.53	89.53	87.57	85.66	83.78
8	180	0.0391	232.108	97.78	95.60	93.47	91.39	89.36	87.37	85.43	83.53
9	186	0.0397	228.334	97.74	95.53	93.37	91.26	89.20	87.18	85.21	83.28
10	192	0.0404	224.738	97.70	95.46	93.27	91.13	89.03	86.99	84.99	83.04
11	198	0.0410	221.306	97.67	95.39	93.17	90.99	88.87	86.80	84.78	82.80
12	204	0.0416	218.028	97.63	95.32	93.07	90.87	88.71	86.62	84.57	82.56
13	210	0.0422	214.890	97.60	95.26	92.97	90.74	88.56	86.43	84.36	82.33
14	470	0.0631	143.641	96.43	92.99	89.67	86.47	83.38	80.40	77.53	74.77
15	476	0.0635	142.733	96.41	92.94	89.61	86.39	83.28	80.29	77.41	74.63
16	482	0.0639	141.841	96.39	92.90	89.54	86.31	83.19	80.18	77.28	74.49
17	488	0.0643	140.967	96.36	92.86	89.48	86.23	83.09	80.07	77.16	74.35
18	494	0.0647	140.108	96.34	92.82	89.42	86.15	83.00	79.96	77.04	74.22
19	500	0.0651	139.265	96.32	92.78	89.36	86.07	82.91	79.86	76.92	74.09
20	506	0.0655	138.437	96.30	92.73	89.30	86.00	82.81	79.75	76.80	73.95
21	512	0.0659	137.623	96.28	92.69	89.24	85.92	82.72	79.64	76.68	73.82
22	518	0.0663	136.824	96.26	92.65	89.18	85.84	82.63	79.54	76.56	73.69
23	524	0.0667	136.038	96.23	92.61	89.12	85.77	82.54	79.43	76.44	73.56
24	530	0.0671	135.266	96.21	92.57	89.07	85.69	82.45	79.33	76.32	73.43
25	536	0.0674	134.507	96.19	92.53	89.01	85.62	82.36	79.22	76.21	73.30
26	542	0.0678	133.760	96.17	92.49	88.95	85.54	82.27	79.12	76.09	73.18
27	548	0.0682	133.026	96.15	92.45	88.89	85.47	82.18	79.02	75.98	73.05
28	554	0.0686	132.304	96.13	92.41	88.83	85.40	82.09	78.92	75.86	72.93
29	560	0.0689	131.593	96.11	92.37	88.78	85.32	82.00	78.81	75.75	72.80
30	566	0.0693	130.894	96.09	92.33	88.72	85.25	81.92	78.71	75.64	72.68
31	572	0.0697	130.205	96.07	92.29	88.67	85.18	81.83	78.62	75.52	72.56
32	578	0.0700	129.528	96.05	92.25	88.61	85.11	81.75	78.52	75.41	72.43
33	584	0.0704	128.861	96.03	92.22	88.55	85.04	81.66	78.42	75.30	72.31
34	590	0.0708	128.204	96.01	92.18	88.50	84.97	81.58	78.32	75.19	72.19
35	596	0.0711	127.557	95.99	92.14	88.44	84.90	81.49	78.22	75.09	72.07
36	602	0.0715	126.920	95.97	92.10	88.39	84.83	81.41	78.13	74.98	71.96

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