

Coax Cable Signal Matched Loss (see note 1) in dB per 100ft.

Transmission Line	8216 RG-174	9201 RG-58	9258 RG-8X	8215 RG-6A	8267 RG-213	LMR400	8213 RG-11	9913 (RG8)	LADDER WINDOW (Note 2)
Impedance	50	50	50	75	50	50	75	50	450
1.9 MHz	1.068	0.497	0.382	0.365	0.266	0.166	0.159	0.167	0.038
3.8 MHz	1.521	0.709	0.546	0.519	0.378	0.235	0.226	0.237	0.054
7.2 MHz	2.113	0.987	0.763	0.717	0.525	0.325	0.314	0.328	0.075
14.2 MHz	3.006	1.407	1.095	1.013	0.746	0.457	0.448	0.463	0.106
21.7 MHz	3.756	1.762	1.377	1.259	0.932	0.566	0.561	0.576	0.132
28.5 MHz	4.339	2.038	1.599	1.449	1.076	0.650	0.648	0.662	0.152
146 MHz	10.598	5.041	4.086	3.409	2.610	1.497	1.597	1.552	0.363
448 MHz	20.346	9.814	8.257	6.277	4.988	2.682	3.106	2.846	0.682

Coax Cable Signal Matched Loss Output With 100 Watts Input

1.9 MHz	78.20	89.18	91.59	91.93	94.06	96.25	96.41	96.22	99.13
3.8 MHz	70.45	84.93	88.18	88.74	91.66	94.73	94.93	94.68	98.77
7.2 MHz	61.48	79.68	83.89	84.78	88.61	92.80	93.02	92.72	98.30
14.2 MHz	50.05	72.32	77.71	79.19	84.21	90.01	90.20	89.88	97.60
21.7 MHz	42.12	66.66	72.82	74.83	80.69	87.77	87.89	87.59	97.02
28.5 MHz	36.82	62.55	69.19	71.63	78.06	86.10	86.14	85.86	96.57
146 MHz	8.71	31.33	39.03	45.61	54.82	70.85	69.22	69.95	91.99
448 MHz	0.92	10.44	14.94	23.56	31.71	53.93	48.91	51.93	85.47

1. Loss based on having Source, Transmission line, and load impedance being equal. (1:1 VSWR)
2. Window ladder line being used in balanced feed line.
3. On each coax type only the best of class was included
4. Listed with loss decreasing from left to right at 28.5MHz