

Coaxial Cable Performance Chart

Power Capacity and Attenuation

Power Capacity Input RF power watts (104°F, 40°C)

	MHz: 30	50	150	220	450	900	1500	2000
LMR-100A®	230	180	100	80	60	40	30	25
RG-58U	400	300	160		80			
LMR-200®	1020	790	450	370	260	180	140	120
RG-59 500	400	250						
RG-8X 350	280	150		80				
LMR-240®	1490	1150	660	540	380	260	200	170
LMR-240	1490	1150	660	540	380	260	200	170
RG-213	1800	1200	620		300			
RG-214	1800	1200	620		300			
LMR-400	2100	1700	1000	830	550	380	290	250
LMR-400	2100	1700	1000	830	550	380	290	250
DRF-400	3300	2570	1470	1200	830	580	440	370
9913	2200	1700	900		450	280	200	160

Values indicated are approximate and for comparison purposes only.

Attenuation (dB per 100 feet) “power loss” The lower the number the better.

	MHz: 30	50	100	146	150	440	450	1000	2400
RG-174	5.5	6.6	8.8	13.0		25.0		30.0	75.0
LMR-100A®	3.9	5.1		8.8	8.9	15.6	15.8		
RG-58A/U	2.5	4.1	5.3	6.1	6.1	10.4	10.6	24.0	38.9
LMR-200®	1.8	2.3		3.9	4.0	6.9	7.0		16.5
RG-59	2.4	3.5			7.6		12.0		
RG-8X 2.0	2.1	3.0	4.5	4.7	8.1	8.6		21.6	
LMR-240®	1.3	1.7		3.0	3.0	5.2	5.3		12.7
LMR-240 Ultra	1.3	1.7		3.0	3.0	5.2	5.3		12.7
RG-8/U FOAM			1.2	1.8					7.1
RG-213		1.5	2.1	2.8	2.8	5.1	5.1	8.2	
RG-214	1.2	1.6	1.9	2.8	2.8	5.1	5.1	8.0	13.7
LMR-400	0.7	0.9		1.5	1.5	2.7	2.7		6.6
LMR-400 Ultra	0.7	0.9		1.5	1.5	2.7	2.7		6.6
DRF-400	0.7	0.9		1.5			2.7		6.7
Bury-FLEX		1.1	1.5					4.8	
9086		1.4			2.8	2.8			
9913	0.8		1.5		2.8			7.5	

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Coaxial Cable Performance Charts from universal radio Inc.
<http://www.universal-radio.com/catalog/cable/coaxperf.html>

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