

Cable Selection Guide by Frequency Sorted by Attenuation (per 100 feet)

Page	Cable	2.5 GHz	5 GHz	12.4 GHz	18 GHz	30 GHz	35 GHz	40 GHz	45 GHz	60 GHz
40	LMR® 1200	2.3								
40	LMR® 900	3.0								
40	LMR® 600	4.4								
40	LMR® 500	5.5								
40	LMR® 400	6.8								
12	Lab-Flex® 290	7.0	10.1	16.4	20.0					
13	Lab-Flex® 335	8.6	12.4	20.5	25.0					
12	Lab-Flex® 290 AW	7.0	10.1	16.4	20.0					
21	RG401 (.250 S/R)	11.9	18.6	34.7	45.5					
40	LMR® 240	12.9								
11	Lab-Flex® 200	13.8	19.9	32.2	39.5	52.3				
40	LMR® 200	16.9								
20	RG402 (.141 S/R)	18.8	28.3	50.1	64.0	90.7	101.1			
35	K-Jumper	19.5	30.0	53.0	65.0	98.0	108.0			
27	BJ141	19.5	30.0	53.0	66.0					
39	T-Flex® 402	19.5	29.9	52.0	66.0					
40	LMR® 195	19.0								
10	Lab-Flex® 160	19.2	27.5	44.3	57.3	76.4	77.5	90.0		
9	Lab-Flex® 135	22.4	31.5	51.9	64.0	86.0	94.2	102.0	110.9	
33	SF-142	21.2	31.9	54.2	68.5					
33	RG142	21.4	32.0	54.7						
33	RG223	24.3	33.5	57.2						
33	RG400	28.3	36.0	61.1						
33	142D	21.8	43.6	80.1	104.0					
19	RG405 (.086 S/R)	31.5	46.2	81.0	98.0	134.6	148.5	161.8	177.7	211.4
26	BJ085	33.0	48.4	81.7	102.0					
39	T-Flex® 405	34.5	50.5	85.0	106.0					
36	Mini-Flex 105	34.5	50.5	85.0	106.0					
40	LMR® 100	39.8								
32	115 (SF-316)	42.4	61.6	101.7	128.3					
32	RD316	42.4	62.2	101.8						
32	RG316	42.5								
32	316D	44.0	72.0							
18	.047 S/R	53.7	77.7	127.8	157.6	211.6	231.7	250.8	269.1	320.4
25	BJ047	69.4	91.0	142.0	180.0					
32	RG178	71.3								

To select a cable first determine the maximum frequency the cable assembly needs to operate at. Cables under that frequency are listed by lowest attenuation first. Refer to catalog page for detailed information.

Flexible
Lab-Flex®
Semi-Rigid
Formable

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