

# Semi-Rigid, Conformable® & Flexible Family Cable Specifications



Frequency GHz	0.047 dia.		0.085 dia.		0.141 dia.		0.250 dia.	
	Loss dB/100ft	Power* Watts	Loss dB/100ft	Power* Watts	Loss dB/100ft	Power* Watts	Loss dB/100ft	Power* Watts
1	33.3	32	19.2	130	11.2	450	6.8	1400
2	47.7		27.8		16.5		10.4	
3	59.1		34.8		20.9		13.3	
4	68.9		40.8		24.8		16.1	
5	77.7	13	46.2	53	28.3	280	18.6	875
6	85.7		51.3		31.7		21.0	
8	100.3		60.5		37.9		25.5	
10	113.4	9	68.9	33	43.6	110	29.8	350
11	119.5		72.9		46.3		31.9	
12	125.5		76.7		49.0		33.9	
14	136.8		84.1		54.2		37.9	
16	147.5		91.2		59.2		41.7	
18	157.6	8	97.9	31	64.0	93	45.5	276
20	167.4	7	104.5	30	68.7	76		
22	176.8		110.8		73.3			
24	185.9		116.9		77.8			
26	194.7		122.9		82.2			
28	203.3		128.8		86.5			
30	211.6		134.6		90.7			
32	219.8		140.2		94.9			
34	227.8		145.7		99.1			
35	231.7		148.5		101.1			
36	235.6		151.2					
38	243.3		156.5					
40	250.8		161.8					
44	265.5		172.2					
48	279.8		182.3					
50	286.7		187.2					
52	293.6		192.2					
54	300.4		197.0					
58	313.8		206.6					
60	320.4		211.4					
65	336.5							

\*CW Power in watts at sea level and 23°C