Cable Selection Guide by Frequency Sorted by Max Power Handling & Family (Watts) **POWER**

BAND	L	S	C	X	Ku	K	Ka			mm	
Frequency GHz	1 2	3 4	5 6 7 8	9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24 25 26	27 28 29 30	31 32 33 34 35	36 37 38 39 40	41 42 43 44 45	46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
Quick Frequency	5 GHz		12.4 GHz		18 GHz	30 GHz		35 GHz	40 GHz	45 GHz	60 GHz

CABLE NAME	CABLE CODE	L 1 2	S 3 4	C 5 6 7 8	X 9 10 11 12	Ku 13 14 15 16 17 18	K 19 20 21 22 23 24 25 26	Ka 27 28 29 30	Ka 31 32 33 34 35	Ka 36 37 38 39 40	mm 41 42 43 44 45	mm 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
Lab-Flex												
Lab-Flex 290	290	1320	940	630	500	400						
Lab-Flex 335	335	1155	810	530	420	330						
Lab-Flex 200	200	507	358	220	194	156	132	119				
Lab-Flex 160	160	367	286	169	134	106	86	79	73	64		
Lab-Flex 135	135	271	186	128	99	72	60	54	46	40	34	33
Semi-Rigid Low Loss												
AL250LLTP	AL250LLTP	2567	2100	1167	640	460	400					
AL141LLSP	AL141LLSP	399	268	165	131	105						
AL085LLSP	AL085LLSP	119	80	58	45	30	22					
Semi, Conform, Flex												
RG401 (.250 S/R)	RG401	1250	950	500	290	200						
250TP	250TP	1250	950	500	290	200						
Mini-Flex 165	165	550	450	250	130	100						
K-Jumper	JUMP	401	184	120	96	74						
BJ141	BJ141	401	184	120	96	74						
RG402 (.141 S/R)	RG402	353	304	159	96	75						
402TP	402TP	353	304	159	96	75						
AL141TP	AL141	353	304	159	96	75						
RG405 (.086 S/R)	RG405	116	88	47	29	23						
405TP	405TP	116	88	47	29	23						
AL085TP	AL085	116	88	47	29	23						
Mini-Flex 105	105	110	90	50	26	20						
BJ085	BJ085	79	54	38	32	21						
BJ047	BJ047	79	54	38	32	21						
Mini-Flex 060	060	43	39	30	22	9						
(.047 S/R)	047	29	22	12	8	7						
Standard Flexible												
SF142	SF142	340	239	150	114	85						
RG142	RG142	330	229	140								
RG400	RG400	290	190	130	100	93						
142D	142D	150	105	70	58	45						
SF-316	115	140	90	60	50	30						
RD316	RD316	123										
RG316	RG316	123	93									
316D	316D	65	47	38								
RG223	RG223	60	40	25	20	19						
LMR												
LMR-400	L400	370	250	200								
LMR-400-UF	L400UF	310	210	170								
LMR-240	L240	170	120	90								
LMR-240-LLPL	L240LLPL	140	100	80								
LMR-240-UF	L240UF	140	100	80								
LMR-195	L195	90	60	50								
LMR-100A-PVC	L100	30	20	10								
Others												
Space-Flex 290	S290											
Space-Flex 200	S200											

Note: CW Power in watts at sea level and 25ºC

Consult Factory for Ratings

To select a cable first determine the maximum frequency the cable assembly needs to operate at. Cables under that frequency are listed by Maximum Power Handling (Watts) first.