

Cable & Connector Selection Guide

Standard
Connectors

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Standard Connectors	Power				Subminiature				Precision			Miniature			MicroMiniature						
	Frequency	Type N	SC	7/16 DIN	SSMA	SMA	SMB	SMC	2.4 mm	2.9 mm	3.5 mm	PKZ	OSP (BMA)	TNC	BNC	GPPO (SSMP)	GPO (SMP)	OSSP (BMMA)	MCX	MMCX	
Frequency	GHz	18	11	7	36	18	10	10	50	40	35	26	22	18	2	65	40	28	6	6	

CABLE NAME	CABLE CODE	SPEC.																								
Lab-Flex																										
Lab-Flex 135	135	RF Labs	46						18				46	40												
Lab-Flex 160	160	RF Labs	40						18				40	40	35											
Lab-Flex 200	200	RF Labs	31						18					31				18								
Lab-Flex 290	290	RF Labs	18						18								18									
Lab-Flex 335	335	RF Labs	18						18								18									
Semi, Conform, Flex																										
(.047 S/R)	047	RF Labs	50						18				50	40					50	40						
047TP	047TP	M17/151-00002	50						18				50	40					50	40						
BJ047	BJ047	RF Labs	18						18				18	18					18	18						
Mini-Flex 060	060	RF Labs	40						18																	
405TP	405TP	RF Labs	55					36	18	10	10		50	40	35		26	22	18	2		50	40	28	6	6
RG405 (.086 S/R)	RG405	M17/133-RG405	55					36	18	10	10		50	40	35		26	22	18	2		50	40	28	6	6
AL085TP	AL085	M17/133-00013	55					36	18	10	10		50	40	35		26	22	18	2		50	40	28	6	6
BJ085	BJ085	RF Labs	18					18	18	10	10		18	18	18		18	18	18	2		18	18	18	6	6
Mini-Flex 105	105	RF Labs	18						18				18	18												
K-Jumper	JUMP	RF Labs	35											35												
RG402 (.141 S/R)	RG402	M17/130-RG402	35						18	10							26	22	18	2				6		
402TP	402TP	M17/130-00005	35						18	10							26	22	18	2				6		
AL141TP	AL141	M17/130-00009	35						18	10							26	22	18	2				6		
BJ141	BJ141	RF Labs	18						18	10							18	18	18	2				6		
Mini-Flex 165	165	RF Labs	18						18	10							18	18	18	2				6		
RG401 (.250 S/R)	RG401	M17/129-RG410	18						18								18	18	18							
250TP	250TP	M17/129-00001	18						18								18		18							
Semi-Rigid Low Loss																										
AL085LLSP	AL085LLSP	RF Labs	62					36	18	10	10		50	40	35		26	22	18	2		50	40	28	6	6
AL141LLTP	AL141LLTP	RF Labs	35						18	10							26	22	18	2				6		
AL250LLTP	AL250LLTP	RF Labs	20						18									18								
Standard Flexible																										
SF142	SF142	RF Labs	18						18								18	18	18	2						
142D	142D	RF Labs	18						18								18	18	18	2						
SF-316	115	RF Labs	18					18	18	10	10						18	18	18	2		18	18	6	6	
RG142	RG142	M17/60-RG142	8.0			8	7		8								8	8	8	2						
RG223	RG223	M17/84-RG223	12.4			12	11	7									12	12	12	2						
RG400	RG400	M17/128-RG400	12.4			12	11	7									12	12	12	2						
RD316	RD316	M17/152-00001	12			12			12	12	10	10					12	12	12	2				12		
316D	316D	RF Labs	5			5			5	5	5	5					5	5	5	2				5		
RG316	RG316	M17/113-RG316	3			3			3	3	3	3					3	3	3	2				3	3	
LMR																										
LMR-100A-PVC	L100	Times	5.8			2.5			2.5	2.5	2.5	2.5					2.5	2.5	2.5	2			2.5	2.5	2.5	
LMR-195	L195	Times	5.8			2.5			2.5								2.5	2.5	2.5	2						
LMR-240	L240	Times	5.8			2.5			2.5								2.5		2.5	2						
LMR-240-UF	L240UF	Times	5.8			2.5			2.5								2.5		2.5	2						
LMR-240-LLPL	L240LLPL	Times	5.8			2.5			2.5								2.5		2.5	2						
LMR 400	L400	Times	5.8			2.5			2.5								2.5		2.5	2						
LMR-400-DB	L400DB	Times	5.8			2.5			2.5								2.5		2.5	2						
LMR-400-UF	L400UF	Times	5.8			2.5			2.5								2.5		2.5	2						
Others																										
Space-Flex 200	S200	RF Labs	31.0						18					31					18							
Space-Flex 290	S290	RF Labs	18.0						18					18					18							

Select cable then connector to determine maximum frequency of cable assembly.
Note: Connector frequency's are shown as reference only will change based on configurations, example: straight, right angle 90°, swept 90°