

Mechanical Comparison

Cable	Inner Conductor		Bend Radius		Outer Conductor		Remarks
	mm	inch	mm	inch	mm	inch	
HFH18	2.26	0.089	38.1	1.5	7.62	0.30	Flexible
LL60	4.5	0.177	70	2.75	14.7	0.57	Flexible
LL40	2.85	0.112	40	1.57	10.29	0.405	Flexible
RG214	2.26	0.088			10.8	0.425	Very Flexible
ULL04	1.02	0.0403	19.1	0.75	4.57	0.18	Flexible
RG402	0.92	0.0362	6.35	0.250	3.58	0.141	Semi-Rigid
MF02	0.91	0.038	20.3	0.8	4.06	0.16	Flexible
SF02	0.92	0.036			4.58	0.18	Hand Formable
RG142	0.94	0.037			4.95	0.195	Very Flexible
KA	0.72	0.0285	15.25	0.6	3.08	0.120	Flexible
MF05	0.51	0.020	6.35	0.250	2.64	0.104	Very Flexible

Cable Attenuation versus Frequency Comparison

Cable	1.5 GHz		3 GHz		6 GHz		9 GHz		12 GHz		18 GHz		40 GHz	
	dB/m	dB/ft	dB/m	dB/ft	dB/m	dB/ft	dB/m	dB/ft	dB/m	dB/ft	dB/m	dB/ft	dB/m	dB/ft
HFH18	0.19	0.06	0.29	0.09	0.43	0.13	0.53	0.16	0.55	0.16	0.68	0.20	-	-
LL60	0.12	0.04	0.18	0.06	0.28	0.08	-	-	-	-	-	-	-	-
LL40	0.18	0.05	0.27	0.08	0.41	0.12	-	-	-	-	-	-	-	-
RG214	0.30	0.09	0.46	0.14	0.73	0.22	-	-	-	-	-	-	-	-
ULL04	0.41	0.12	0.58	0.17	0.83	0.25	1.03	0.31	1.20	0.36	1.49	0.45	-	-
RG402	0.46	0.14	0.68	0.21	1.03	0.31	1.33	0.40	1.60	0.49	2.09	0.64	-	-
MF02	0.47	0.14	0.71	0.22	1.07	0.32	1.38	0.42	1.65	0.51	2.16	0.66	-	-
SF02	0.51	0.15	0.74	0.22	1.22	0.37	1.41	0.43	1.73	0.52	2.31	0.70	-	-
RG142	0.57	0.18	0.84	0.25	1.26	0.38	-	-	-	-	-	-	-	-
KA	0.56	0.17	0.86	0.26	1.16	0.35	1.46	0.44	1.69	0.51	2.05	0.62	3.18	0.96
MF05	0.86	0.26	1.26	0.38	1.79	0.54	2.29	0.69	2.75	0.83	3.41	1.06		

Power versus Frequency Comparison (Average Power in Watts)

Cable	1.5 GHz	3 GHz	6 GHz	9 GHz	12 GHz	18 GHz	40 GHz
HFH18	1300	950	600	470	410	300	-
LL60	430	300	190	-	-	-	-
LL40	270	180	120	-	-	-	-
RG214	210	140	90	-	-	-	-
ULL04	450	310	210	170	150	120	-
RG402	330	213	150	105	87	65	-
MF02	220	150	100	70	60	50	-
SF02	330	200	150	130	90	60	-
RG142	401	260	170	-	-	-	-
KA		250	180	150	90	45	
MF05	90	65	40	35	28	21	-

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