

CABLE REFERENCE TABLE

Cable Design	Armor O.D. Max	Jacket O.D. Max	Braid O.D. Max	Dielectric O.D. Max	Center Conductor Stranding	O.D. Nom	Nominal Impedance Ohms	Max Freq. GHz	Max Power Watts at 400 MHz	M17/ Replacement	Notes
RG5B/U		0.335	.260 D	0.185	Solid	0.051	50			73-RG212	
RG6A/U		0.336	.264 D	0.189	Solid	0.029	75			2-RG6	
RG8A/U		0.415	.340 S	0.295	7/AWG21	0.086	52			74-RG213	
RG9B/U		0.43	.355 D	0.285	7/AWG21	0.086	50			75-RG214	
RG10A/U	0.475	0.415	.340 S	0.295	7/AWG21	0.086	52			74-RG215	
RG11A/U		0.412	.340 S	0.292	7/AWG26	0.048	75			6-RG11	
RG12A/U	0.475	0.412	.340 S	0.292	7/.0159	0.048	75			6-RG12	
RG13A/U		0.43	.355 D	0.29	7/AWG26	0.048	74			77-RG216	
RG14A/U		0.558	.463 D	0.383	Solid	0.102	52			78-RG217	
RG17/U		0.885	.760 S	0.695	Solid	0.188	52			79-RG218	
RG17A/U		0.885	.760 S	0.695	Solid	0.188	52			79-RG218	
RG18/U	0.945	0.885	.760 S	0.695	Solid	0.188	52			79-RG219	
RG18A/U	0.945	0.885	.760 S	0.695	Solid	0.188	52			79-RG219	
RG19/U		1.135	.760 S	0.695	Solid	0.188	52			81-00001	
RG19A/U		1.135	.990 S	0.925	Solid	0.25	52			81-00001	
RG20/U	1.195	1.135	.990 S	0.925	Solid	0.25	52			81-00002	
RG20A/U	1.195	1.135	.990 S	0.925	Solid	0.25	52			81-00002	
RG21/U		0.339	.264 D	0.192	Solid	0.051	53			162-00001	
RG21A/U		0.339	.264 D	0.192	Solid	0.051	53			162-00001	
RG22B/U		0.43	.355 D	0.291	7/.0152	0.046	95	200 MHz		15-RG22	Twin
RG55A/U		0.216	.171 D	0.116	Solid	0.035	50			84-RG223	
RG55B/U		0.206	.176 D	0.121	Solid	0.032	53.5			84-RG223	
RG58/U		0.199		0.12	Solid	0.032	53.5			28-RG58	
RG58A/U		0.199		0.12	19/AWG33	0.038	52			28-RG58	
RG58B/U		0.199		0.12	Solid	0.032	53.5			28-RG58	
RG58C/U		0.199	.150 S	0.12	19/AWG33	0.038	50			28-RG58	
RG59/U		0.242	.191 S	0.15	Solid		73			29-RG59	
RG59A/U		0.242	.191 S	0.15	Solid	0.023	73			29-RG59	
RG59B/U		0.246	.191 S	0.15	Solid	0.023	75			29-RG59	
RG62/U		0.249	.191 S	0.151	Solid	0.025	93			30-RG62	
RG62A/U		0.249	.191 S	0.151	Solid	0.025	93			30-RG62	
RG62B/U		0.249	.191 S	0.151	7/AWG32	0.025	93			30-RG62	
RG63B/U		0.415	.340 S	0.295	Solid	0.025	125			31-RG63	
RG71B/U		0.25	.208 D	0.151	Solid	0.025	93			90-RG71	
RG82/U		0.757		0.675	Solid	0.125	50				
RG108A/U		0.245	.177 S (Nom)	0.082	7/AWG28		78			45-RG108	Twin
RG114/U		0.415	.340 S	0.295	Solid	0.007	185			47-RG114	
RG114A/U		0.415	.340 S	0.295	Solid	0.007	185			47-RG114	
RG115/U		0.385	.320 D	0.255	7/.028		50			168-00001	
RG115A/U		0.43	.325 D	0.26	7/AWG21	0.086	50			168-00001	
RG117/U		0.745	.670 S	0.625	Solid	0.188	50			72-RG211	

Cable Design	Armor O.D. Max	Jacket O.D. Max	Braid O.D. Max	Dielectric O.D. Max	Center Conductor Stranding	O.D. Nom	Nominal Impedance Ohms	Max Freq. GHz	Max Power Watts at 400 MHz	M17/ Replacement	Notes
RG117A/U		0.745	.670 S	0.625	Solid	0.188	50			72-RG211	
RG118/U	0.795	0.745	.670 S	0.625	Solid	0.188	50			161-00002	
RG118A/U	0.795	0.745	.670 S	0.625	Solid	0.188	50			161-00002	
RG122/U		0.165	.126 S	0.099	27/AWG36	0.03	50			54-RG122	
RG141/U		0.195	0.146	0.121	Solid	0.036	50			111-RG303	
RG141A/U		0.195	.146 S	0.121	Solid	0.039	50			111-RG303	
RG142A/U		0.206	.171 D	0.121	Solid	0.039	50			60-RG142	
RG142B/U		0.2	.171 D	0.121	Solid	0.039	50			60-RG142	
RG143/U		0.332	0.25	0.19	Solid	0.057	50			112-RG304	
RG143A/U		0.332	.250 D	0.19	Solid	0.059	50			112-RG304	
RG174/U		0.105	.088 S	0.063	7/AWG34	0.02	50			119-RG174	
RG174A/U		0.105	.088 S	0.063	7/AWG34	0.02	50			119-RG174	
RG178B/U		0.075	.054 S	0.036	7/AWG38	0.012	50			93-RG178	
RG179B/U		0.105	.084 S	0.066	7/AWG38	0.012	75			94-RG179	
RG180B/U		0.145	.124 S	0.105	7/AWG38	0.012	95			95-RG180	
RG187A/U		0.11	.084 S	0.066	7/AWG38	0.012	75			136-00001	
RG188A/U		0.11	.081 S	0.063	7/.0067	0.02	50			138-00001	
RG189/U		0.875		0.632	Solid	0.251	50				Helix, (Nom Dims.)
RG195/U		0.155	.124 S	0.105	7/.004	0.012	95			137-00001	
RG195A/U		0.155	.124 S	0.105	7/AWG38	0.012	95			137-00001	
RG196/U		0.08	.054 S	0.036	7/.004	0.012	50			93-00001	
RG196A/U		0.08	.054 S	0.036	7/AWG38	0.012	50				
RG210/U		0.25	.191 S	0.151	Solid	0.025	93			97-RG210	
RG211A/U		0.745	.670 S	0.625	Solid	0.19	50			72-RG211	
RG212/U		0.336	.265 D	0.189	Solid	0.056	50			73-RG212	
RG213/U		0.412	.340 S	0.292	7/.0296	0.089	50			74-RG213	
RG214/U		0.432	.360 D	0.292	7/.0296	0.089	50			75-RG214	
RG215/U	0.475	0.412	.340 S	0.292	7/.0296	0.089	50			74-RG215	
RG216/U		0.432	.360 D	0.292	7/AWG26	0.048	75			77-RG216	
RG217/U		0.555	.463 D	0.38	Solid	0.106	50			78-RG217	
RG218/U		0.88	.760 S	0.69	Solid	0.195	50			79-RG218	
RG219/U	0.945	0.88	.760 S	0.69	Solid	0.195	50			79-RG219	
RG220/U		1.135	.990 S	0.925	Solid	0.26	50			81-00001	
RG221/U	1.195	1.135	.990 S	0.925	Solid	0.26	50			81-00002	
RG222/U		0.336	.264 D	0.189	Solid	0.056	50			162-00001	
RG223/U		0.216	.176 D	0.12	Solid	0.035	50			84-RG223	
RG224/U	0.615	0.555	.463 D	0.38	Solid	0.106	50			165-00002	
RG225/U		0.44	.360 D	0.29	7/.031	0.094	50			127-RG393	
RG228/U	0.795	0.745	.670 S	0.625	Solid	0.19	50			161-00002	
RG228A/U	0.795	0.745	.670 S	0.625	Solid	0.19	50			161-00002	
RG301/U		0.25	.215 S	0.19	7/.0203	0.0609	50			109-RG301	

CABLE REFERENCE TABLE

Cable Design	Armor O.D. Max	Jacket O.D. Max	Braid O.D. Max	Dielectric O.D. Max	Center Conductor Stranding	O.D. Nom	Nominal Impedance Ohms	Max Freq. GHz	Max Power Watts at 400 MHz	M17/ Replace ment	Notes
RG302/U		0.206	.176 S	0.151	Solid	0.025	75			109-RG302	
RG303/U		0.175	.146 S	0.121	Solid	0.039	50			111-RG303	
RG304/U		0.285	.250 D	0.19	Solid	0.059	50			112-RG304	
RG316/U		0.102	.081 S	0.063	7/.0067	0.02	50			113-RG316	
RG389/U		0.875		0.635	Solid	0.25	50				Spline, (Nom Dims.)
RG393/U		0.4	.360 D	0.29	7/.0312	0.094	50			127-RG393	
RG400/U		0.2	.171 D	0.121	19/AWG33	0.039	50			128-RG400	
RG401/U		0.251		0.211	Solid	0.0641	50			129-RG401	Semi-Rigid
RG402/U		0.141		0.118	Solid	0.036	50			130-RG402	Semi-Rigid
RG403/U		0.128	.098 D	0.036	7/AWG38	0.012	50			131-RG403	
RG404/U		0.075	.056 S	0.036	7/AWG38	0.012	50			132-RG404	
RG405/U		0.086		0.066	Solid	0.02	50			133-RG405	Semi-Rigid
M17/2-RG6		0.336	.264 D	0.189	Solid	0.0285	75	3	210		
M17/6-RG11		0.412	.340 S	0.292	7/.0159	0.0477	75	1	290		
M17/6-RG12	0.475	0.412	.340 S	0.292	7/.0159	0.0477	75	1	290		
M17/15-RG22		0.43	.355 D	0.291	7/.0159	0.046	95	200 MHz			Twin
M17/28-RG58		0.199	.105 S	0.12	19/.0072	0.0355	50	1	90		
M17/29-RG59		0.246	.191 S	0.15	Solid	0.0226	75	1	130		
M17/30-RG62		0.249	.191 S	0.15	Solid	0.0253	93	1	9		
M17/31-RG63		0.415	.340 S	0.295	Solid	0.0253	125	1	330		
M17/45-RG108		0.245	.177 S (Nom)	0.081	7/.0126	0.0378	78	10 MHz			Twin
M17/47-RG114		0.415	.340 S	0.295	Solid	0.007	185	1	150		
M17/54-RG122		0.165	.126 S	0.099	27/.005	0.0308	50	1	62		
M17/60-RG142		0.2	.171 D	0.121	Solid	0.037	50	12.4	1000		
M17/72-RG211		0.745	.670 S	0.625	Solid	0.192	50	1	11000		
M17/73-RG212	0.475	0.336	.265 D	0.189	Solid	0.0556	50	11	350		
M17/74-RG213		0.412	.340 S	0.292	7/.0296	0.0888	50	1	320		
M17/74-RG215	0.475	0.412	.340 D	0.292	7/.0296	0.0888	50	1	320		
M17/75-RG214		0.432	.360 D	0.292	7/.0296	0.0888	50	11	330		
M17/77-RG216		0.432	.360 D	0.292	7/.0159	0.0477	75	3	270		
M17/78-RG217		0.545	.463 D	0.38	Solid	0.106	50	3	470		
M17/79-RG218		0.88	.760 S	0.69	Solid	0.195	50	1	1200		
M17/79-RG219	0.945	0.88	.760 S	0.69	Solid	0.195	50	1	1200		
M17/81-00001		1.135	.990 S	0.925	Solid	0.26	50				
M17/81-00002	1.195	1.135	.990 S	0.925	Solid	0.26	50				
M17/84-RG223		0.216	.176 D	0.12	Solid	0.035	50	12.4	86		
M17/90-RG71		0.25	.208 D	0.151	Solid	0.0253	93				
M17/93-RG178		0.075	.054 S	0.035	7/.004	0.012	50	3	110		
M17/93-00001		0.075	.054 S	0.035	7/.004	0.012	50	3	110		
M17/94-RG179		0.105	.084 S	0.066	7/.004	0.012	75	3	450		
M17/95-RG180		0.145	.124 S	0.105	7/.004	0.012	95	3	550		

Cable Design	Armor O.D. Max	Jacket O.D. Max	Braid O.D. Max	Dielectric O.D. Max	Center Conductor Stranding	Center Conductor O.D. Nom	Nominal Impedance Ohms	Max Freq. GHz	Max Power Watts at 400 MHz	M17/ Replacement	Notes
M17/97-RG210		0.25	.191 S	0.151	Solid	0.0253	93	3	1050		
M17/110-RG302		0.207	.176 S	0.15	Solid	0.0253	75	3	1600		
M17/111-RG303		0.175	.146 S	0.121	Solid	0.037	50	3	1100		
M17/112-RG304		0.288	.250 D	0.19	Solid	0.059	50	12	1450		
M17/113-RG316		0.012	0.0815	0.063	7/.0067	0.0201	50	3	210		
M17/116-RG307		0.27	0.237	0.149	19/.0058	0.029	75	1	130		
M17/119-RG174		0.115	0.0885	0.063	7/.0063	0.0189	50	1	26		
M17/127-RG393		0.4	.360 D	0.29	7/.0312	0.094	50	11	800		
M17/128-RG400		0.2	.171 D	0.121	19/.008	0.0384	50	12.4	1050		
M17/129-RG401		0.251		0.211	Solid	0.0641	50	18	1900		Semi-Rigid
M17/129-00001		0.251		0.211	Solid	0.0641	50	18	1900		Semi-Rigid
M17/130-RG402		0.142		0.1185	Solid	0.0362	50	20	660		Semi-Rigid
M17/130-00001		0.143		0.1185	Solid	0.0362	50	20	660		Semi-Rigid
M17/130-00002		0.142		0.1185	Solid	0.0362	50	20	660		Semi-Rigid
M17/131-RG403		0.128	.098 D	0.035	7/AWG38	0.012	50	10	95		
M17/132-RG404		0.077	.056 S	0.038	7/AWG38	0.012	50	1			
M17/133-RG405		0.0875		0.068	Solid	0.0201	50	20	210		Semi-Rigid
M17/133-00001		0.0885		0.068	Solid	0.0201	50	20	210		Semi-Rigid
M17/133-00002		0.0875		0.068	Solid	0.0201	50	20	210		Semi-Rigid
M17/134-00001		0.25	0.203	0.12	Solid	0.033	50	3	60		Triax
M17/134-00002		0.25	0.203	0.12	Solid	0.033	50	3	60		Triax
M17/136-00001		0.105	.084 S	0.066	7/.004	0.012	75	3	1400		
M17/137-00001		0.145	.124 S	0.105	7/.004	0.012	95	3	600		
M17/138-00001		0.102	.081 S	0.063	7/.0067	0.0201	50	3	220		
M17/161-00001		0.745	.670 S	0.625	Solid	0.192	50	400 MHz			
M17/161-00002	0.795	0.745	.670 S	0.625	Solid	0.192	50	400 MHz			
M17/162-00001		0.336	.265 D	0.189	Solid	0.0556	50	400 MHz			
M17/165-00001		0.555	.463 D	0.38	Solid	0.106	50	400 MHz			
M17/165-00002	0.615	0.555	.463 D	0.38	Solid	0.106	50	400 MHz			
M17/168-00001		0.43	.325 D	0.26	7/.028	0.084	50	400 MHz			
M17/168-00002		0.354	.325 D	0.26	7/.028	0.084	50	400 MHz			
M17/176-00002		0.134	.102 S	0.044	19/AWG36	0.024	77	10 MHz			Twin
M17/177-00001		0.189	0.162	0.105	7/.004	0.012	95	3	660		Triax
M17/178-00001		0.27	0.225	0.105	7/.004	0.012	95	3	550		Triax
M17/179-00001		0.195	0.17	0.066	7/.004	0.012	75	3	450		