

## RG Cable Descriptions

RG-U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
1-3	WAVEGUIDE										Times Does Not Supply
4	BC 0.032	PE 0.116	2:BC	PVC-I 0.226	NA	0.025	50	30.8	1,900	-40 +80	Use: M17/28-RG58
5	BC 0.0508	PE 0.185	2:BC	PVC-I 0.332	NA	0.088	52.5	28.5	3,000	-40 +80	Use: M17/73-RG212
5A	SC 0.0508	PE 0.181	2:SC	PVC-II 0.328	NA	0.088	50	30.8	3,000	-40 +80	Use: M17/73-RG212
5B	SC 0.0508	PE 0.181	2:SC	PVC-IIA 0.328	NA	0.087	50	30.8	3,000	-40 +80	Use: M17/73-RG212
6	CCS 0.0285	PE 0.185	2:SC,BC	PVC-II 0.332	NA	0.081	76	20.0	2,700	-40 +80	Use: M17/2-RG6
6A	CCS 0.0285	PE 0.185	2:SC,BC	PVC-IIA 0.332	NA	0.082	75	20.6	2,700	-40 +80	Use: M17/2-RG6
7	BC 0.0359	Air-space PE 0.250	1:BC	PVC-I 0.370	NA	0.080	95	13.5	1,000	-40 +80	Use: M17/31-RG63
8	7/.0285 BC 0.0855	PE 0.285	1:BC	PVC-I 0.405	NA	0.106	52	29.6	4,000	-40 +80	Use: M17/74-RG213
8A	7/.0285 BC 0.0855	PE 0.285	1:BC	PVC-IIA 0.405	NA	0.106	52	29.6	5,000	-40 +80	Use: M17/74-RG213
9	7/.0285 SC 0.0855	PE 0.280	2:SC,BC	PVC-II 0.420	NA	0.140	51	30.2	4,000	-40 +80	Use: M17/75-RG214
9A	7/.0285 SC 0.0855	PE 0.280	2:SC	PVC-II 0.420	NA	0.140	51	30.2	4,000	-40 +80	Use: M17/75-RG214
9B	7/.0285 SC 0.0855	PE 0.280	2:SC	PVC-IIA 0.420	NA	0.150	50	30.8	5,000	-40 +80	Use: M17/75-RG214
10	7/.0285 BC 0.0855	PE 0.285	1:BC	PVC-II 0.405	Alum. Braid 0.463	0.146	52	29.6	4,000	-40 +80	Use: M17/74-RG215
10A	7/.0285 BC 0.0855	PE 0.285	1:BC	PVC-IIA 0.405	Alum. Braid 0.463	0.146	52	29.6	5,000	-40 +80	Use: M17/74-RG215
11	7/.0159 TC 0.0477	PE 0.285	1:BC	PVC-I 0.405	NA	0.096	75	20.6	4,000	-40 +80	Use: M17/6-RG11
11A	7/.0159 TC 0.0477	PE 0.285	1:BC	PVC-IIA 0.405	NA	0.096	75	20.6	5,000	-40 +80	Use: M17/6-RG11
12	7/.0159 TC 0.0477	PE 0.285	1:BC	PVC-II 0.405	Alum. Braid 0.463	0.141	75	20.6	4,000	-40 +80	Use: M17/6-RG12
12A	7/.0159 TC 0.0477	PE 0.285	1:BC	PVC-IIA 0.405	Alum. Braid 0.463	0.141	75	20.6	5,000	-40 +80	Use: M17/6-RG12
13	7/.0159 TC 0.0477	PE 0.280	2:BC	PVC-I 0.420	NA	0.126	74	20.8	4,000	-40 +80	Use: M17/77-RG216
13A	7/.0159 TC 0.0477	PE 0.370	2:BC	PVC-IIA 0.420	NA	0.126	74	20.8	5,000	-40 +80	Use: M17/77-RG216
14	BC 0.102	PE 0.370	2:BC	PVC-II 0.545	NA	0.216	52	29.6	5,500	-40 +80	Use: M17/78-RG217
14A	BC 0.102	PE 0.370	2:BC	PVC-IIA 0.545	NA	0.216	52	29.6	7,000	-40 +80	Use: M17/78-RG217

## RG Cable Descriptions

RG-U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
15	CCS 0.0571	PE 0.370	2:BC	PVC-I 0.545	NA	0.197	76	20.0	5,000	-40 +80	
16	BC tube 0.125	PE 0.460	1:BC	PVC-I 0.630	NA	0.254	52	29.6	6,000	-40 +80	
17	BC 0.188	PE 0.680	1:BC	PVC-II 0.870	NA	0.460	52	29.6	11,000	-40 +80	Use: M17/79-RG218
17A	BC 0.188	PE 0.680	1:BC	PVC-IIA 0.870	NA	0.460	52	29.6	11,000	-40 +80	Use: M17/79-RG218
17B			CANCELLED, REASSIGNED NEW NOMENCLATURE RG177								
18	BC 0.188	PE 0.680	1:BC	PVC-II 0.870	Alum. Braid 0.925	0.585	52	29.6	11,000	-40 +80	Use: M17/79-RG219
18A	BC 0.188	PE 0.680	1:BC	PVC-IIA 0.870	Alum. Braid 0.928	0.585	52	29.6	11,000	-40 +80	Use: M17/79-RG219
19	BC 0.25	PE 0.91	1:BC	PVC-II 1.120	NA	0.740	52	29.6	14,000	-40 +80	Use: M17/81-00001
19A	BC 0.25	PE 0.91	1:BC	PVC-IIA 1.120	NA	0.740	52	29.6	14,000	-40 +80	Use: M17/81-00001
20	BC 0.25	PE 0.91	1:BC	PVC-II 1.120	Al. Braid 1.178	0.925	52	29.6	14,000	-40 +80	Use: M17/81-00002
20A	BC 0.25	PE 0.91	1:BC	PVC-IIA 1.12	Al. Braid 1.178	0.925	52	29.6	14,000	-40 +80	Use: M17/81-00002
21	HR 0.0508	PE 0.185	2:SC	PVC-II 0.332	NA	0.087	53	29.0	2,700	-40 +80	
21A	HR 0.0508	PE 0.185	2:SC	PVC-IIA 0.332	NA	0.087	53	29.0	2,700	-40 +80	
22	2 : BC 7/.0152 0.0456	PE 0.285	1:TC	PVC-I 0.405	NA	0.105	95	16.3	1,000	-40 +80	Use: M17/15-RG22
22A	2 : BC 7/.0152 0.0456	PE 0.285	2:TC	PVC-II 0.420	NA	0.151	95	16.3	1,000	-40 +80	Use: M17/15-RG22
22B	2 : BC 7/.0152 0.0456	PE 0.285	2:TC	PVC-IIA 0.420	NA	0.151	95	16.3	1,000	-40 +80	Use: M17/15-RG22
23	2 : BC 7/.0285 0.0855	PE, 2cores 0.380	2:BC	PVC-I 0.650x0.945	NA	0.490	125	12.0	3,000	-40 +80	Use: M17/16-RG23
23A	2 : BC 7/.0285 0.0855	PE, 2cores 0.380	2:BC	PVC-IIA 0.650x0.945	NA	0.490	125	12.0	3,000	-40 +80	Use: M17/16-RG23
24	2 : BC 7/.0285 0.0855	PE, 2 cores 0.380	2:BC	PVC-IIA 0.650x0.945	Al. Braid 0.708x1.003	0.670	125	12.0	3,000	-40 +80	Use: M17/16-RG24
24A	2 : BC 7/.0285 0.0855	PE, 2 cores 0.380	2:BC	PVC-II 0.650x0.945	Al. Braid 0.708x1.003	0.670	125	12.0	3,000	-40 +80	Use: M17/16-RG24
25A	TC 19/.0117 0.0585	Rubber-E 0.288	2:TC	Rubber-IV 0.505		0.205	48	50.0	10,000	-40 +80	Times does not supply
26A	TC 19/.0117 0.0585	Rubber-E 0.288	1:TC	Rubber-IV	Al. Braid 0.483	0.189	48	50.0	10,000	-40 +80	Times does not supply
27A	TC 19/.0185 0.0925	Rubber-D 0.455	1:TC	Rubber-IV	Al. Braid 0.653	0.304	48	50.0	15,000	-40 +80	Times does not supply

## RG Cable Descriptions

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28B	TC 19/.0185 0.0925	Rubber-D 0.455	2:TC, GS	Rubber-IV 0.750	NA	0.370	48	50.0	15,000	-40 +80	Times does not supply
29	BC 0.032	PE 0.116	1:TC	PE-III 0.184	NA	0.021	53.5	28.8	1,900	-55 +80	Use: M17/28-RG58
30	BC 7/.0159 0.0477	PIB 0.185	1:BC	PVC-I 0.250	NA	0.044	50	27.0	1,500	-40 +80	Use: M17/73-RG212
31	BC 7/.0285 0.0855	PIB 0.285	1:BC	PVC-I 0.405	NA	0.106	51	31.0	2,000	-40 +80	Use: M17/74-RG213
32	BC 7/.0285 0.0855	PIB 0.285	1:BC	PVC-I 0.405	Al. Braid 0.465	0.141	51	29.0	2,000	-40 +80	Use: M17/74-RG215
33	BC 0.1019	PE 0.370	None	Lead 0.470	NA	0.390	51	30.2	6,000	-55 +80	Times does not supply
34	BC 7/.0285 0.0855	PE 0.455	1:BC	PVC-I 0.625	NA	0.224	71	21.7	5,200	-40 +80	Use: M17/24-RG34
34A	BC 7/.0249 0.0747	PE 0.460	1:BC	PVC-IIA 0.630	NA	0.224	75	20.6	6,500	-40 +80	Use: M17/24-RG34
34B	BC 7/.0249 0.0747	PE 0.460	1:BC	PVC-IIA 0.630	NA	0.224	75	20.6	6,500	-40 +80	Use: M17/24-RG34
35	BC 0.1144	PE 0.680	1:BC	PVC-II 0.870	Al. Braid 0.928	0.525	71	21.7	10,000	-40 +80	Use: M17/64-RG35
35A	BC 0.1045	PE 0.680	1:BC	PVC-IIA 0.870	Al. Braid 0.928	0.525	75	20.6	10,000	-40 +80	Use: M17/64-RG35
35B	BC 0.1045	PE 0.680	1:BC	PVC-IIA 0.870	Al. Braid 0.928	0.525	75	20.6	10,000	-40 +80	Use: M17/64-RG35
36	BC 0.162	PE 0.910	1:BC	PVC-I 1.120	Al. Braid 1.180	0.805	69	22.3	13,000	-40 +80	
37	TC 0.032	Rubber-C 0.140	1:TC	PE-III 0.210	NA	0.040	52.5	38.0	750	-55 +80	Times does not supply
38	TC 0.0453	Rubber-C 0.196	2:TC	PE-III 0.312	NA	0.110	52.5	38.0	1,000	-55 +80	Times does not supply
39	CCS 0.0253	Rubber-C 0.196	2:TC	PE-III 0.312	NA	0.100	72.5	28.6	1,000	-55 +80	Times does not supply
40	CCS 0.0253	Rubber-C 0.196	2:TC	Rubber-IV 0.420	NA	0.150	72.5	28.0	1,000	-40 +80	Times does not supply
41	TC 16/.010 0.049	Rubber-C 0.250	1:TC	Rubber-IV 0.425	NA	0.150	67.5	27.6	3,000	-40 +80	Times does not supply
42	Resistance wire 0.0285	PE 0.196	2:SC	PVC-II 0.342	NA	0.050	78	19.7	2,700	-40 +80	Use: M17/2-RG6
43	2:BC 7/.0285 0.0855	Rubber-B 0.472	1:BC	PVC-I 0.617	NA		95	17.6	1,500	-40 +80	Use: M17/56-RG131
44-47	STUD SUPPORTED RIGID LINES See MIL-HDBK 216, Para. 5.5										Times does not supply
48-53	RECTANGULAR WAVE GUIDE COVERED BY MIL-W-85 See MIL-HDBK 216, Para. 623										Times does not supply
54	BC 7/.0159 0.0477	PE 0.185	1:BC	PVC-I 0.275	NA	0.045	58	26.5	2,500	-40 +80	Use: M17/73-RG212

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RG-/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
54A	BC 7/.0152 0.0456	PE 0.178	1:TC	PE-III 0.245	NA	0.041	58	26.5	3,000	-55 +80	Use: M17/73-RG212
55	BC 0.0320	PE 0.116	2:TC	PE-III 0.200	NA	0.032	53.5	28.8	1,900	-55 +80	Use: M17/84-RG223
55A	SC 0.0350	PE 0.116	2:SC	PVC-IIA 0.200	NA	0.034	50	30.8	1,900	-40 +80	Use: M17/84-RG223
55B	SC 0.0320	PE 0.116	2:TC	PVC-IIA 0.200	NA	0.033	53.5	28.8	1,900	-55 +80	Use: M17/84-RG223
56	TC 19/.0117 0.0585	Rubber-D 0.308	2:BC	PVC-I 0.535	NA	0.243	48	50.0	8,000	-40 +80	Times does not supply
57	2:BC 7/.0285 0.0855	PE 0.472	1:TC	PVC-I 0.625	NA	0.225	95	16.3	3,000	-40 +80	Use: M17/56-RG130
57A	2:BC 7/.0285 0.0855	PE 0.472	1:TC	PVC-IIA 0.625	NA	0.225	95	16.3	3,000	-40 +80	Use: M17/56-RG130
58	BC 0.0320	PE 0.116	1:TC	PVC-I 0.195	NA	0.029	53.5	28.8	1,900	-40 +80	Use: M17/28-RG58
58A	TC 19/.0071 0.0355	PE 0.116	1:TC	PVC-I 0.195	NA	0.029	52	29.6	1,900	-40 +80	Use: M17/28-RG58
58B	BC 0.0320	PE 0.116	1:TC	PVC-IIA 0.195	NA	0.029	53.5	28.8	1,900	-40 +80	Use: M17/28-RG58
58C	TC 19/.0071 0.0355	PE 0.116	1:TC	PVC-IIA 0.195	NA	0.029	50	30.8	1,900	-40 +80	Use: M17/28-RG58
59	CCS 0.0253	PE 0.146	1:BC	PVC-I 0.242	NA	0.032	73	21.1	2,300	-40 +80	Use: M17/29-RG59
59A	CCS 0.0253	PE 0.146	1:BC	PVC-IIA 0.242	NA	0.032	73	21.1	2,300	-40 +80	Use: M17/29-RG59
59B	CCS 0.0230	PE 0.146	1:BC	PVC-IIA 0.242	NA	0.032	75	20.6	2,300	-40 +80	Use: M17/29-RG59
60	Str. C 0.0508	Rubber-C 0.250	1:BC	Rubber-IV 0.425	NA	0.150	50	39.0	1,100	-40 +80	Times does not supply
61	SPECIAL	500 OHM	LINE								Times does not supply
62	CCS 0.0253	Air Space PE 0.146	1:BC	PVC-I 0.242	NA	0.038	93	13.5	750	-40 +80	Use: M17/30-RG62
62A	CCS 0.0253	Air Space PE 0.146	1:BC	PVC-IIA 0.242	NA	0.038	93	13.5	750	-40 +80	Use: M17/30-RG62
62B	CCS 7/.0080 0.0240	Air Space PE 0.146	1:BC	PVC-IIA 0.242	NA	0.038	93	13.5	750	-40 +80	Use: M17/30-RG62
63	CCS 0.0253	Air Space PE 0.285	1:BC	PVC-I 0.405	NA	0.083	125	10.0	1,000	-40 +80	Use: M17/31-RG63
63A	BC 0.0253	Air Space PE 0.285	1:BC	PVC-I 0.405	NA	0.083	125	10.0	1,000	-40 +80	Use: M17/31-RG63
63B	CCS 0.0253	Air-space PE 0.285	1:BC	PVC-IIA 0.405	NA	0.083	125	10.0	1,000	-40 +80	Use: M17/31-RG63
64	TC 19/.0117 0.0585	Rubber-D 0.308	2:TC	Rubber-IV 0.495	NA	0.225	48	60.0	10,000	-40 +80	Times does not supply

## RG Cable Descriptions

RG-U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments	
64A	TC 19/.0117 0.0585	Rubber-E 0.288	2:TC	Rubber-IV 0.460	NA	0.205	48	50.0	10,000	-40 +80	Times does not supply	
65	0.008 Formex-F 0.1280 dia Helix	PE 0.285	1:BC	PVC-I 0.405	NA	0.096	950	44.0	1,000	-40 +80	Use: M17/34-RG65	
65A	0.008 Formex-F 0.1280 dia Helix	PE 0.285	1:BC	PVC-IIA 0.405	NA	0.096	950	44.0	1,000	-40 +80	Use: M17/34-RG65	
66-69	RECTANGULAR WAVE GUIDE COVERED BY MIL-W-25 See Mil HDBK 216, Para. 6.17 -6.23										Times does not supply	
71	CCS 0.0253	Air-Space PE 0.146	2:TC	PVC-I 0.245		0.046	93	13.5	750	-40 +80	Use: M17/90-RG71	
71A	CCS 0.0253	Air-Space PE 0.146	2:TC	PE-III 0.245		0.046	93	13.5	750	-55 +80	Use: M17/90-RG71	
71B	CCS 0.0253	Air-Space PE 0.146	2:TC	PE-IIIA 0.245	NA	0.046	93	13.5	750	-55 +80	Use: M17/90-RG71	
72	CCS 0.0253	Air-Space PE 0.460	1:BC	PVC-I 0.630	NA	0.169	150	7.8	750	-40 +80	Low Capacitance	
73	BC 0.0650	PE 0.116	2:BC	Copper Braid 0.175	NA	0.031	25	61.6	1,000	-55 +80	Low Impedance	
74	BC 0.1020	PE 0.370	2:BC	PVC-II 0.545	Al.Braid 0.603	0.310	52	29.6	5,500	-40 +80	Use: M17/165-00002	
74A	BC 0.1020	PE 0.370	2:BC	PVC-IIA 0.545	Al.braid 0.603	0.310	52	29.6	7,000	-40 +80	Use: M17/165-00002	
75	RECTANGULAR WAVE GUIDE COVERED BY MIL-W-25 See Mil HDBK 216, Para. 6.17 -6.21										Times does not supply	
76	STUD SUPPORTED RIGID LINE NA See Mil HDBK 216, Para. 5.5										Times does not supply	
77A	TC 19/.0117 0.0585	Rubber-E 0.288	2:TC	PVC-IIA 0.450	NA	0.195	48	50.0	8,000 peak	-40 +80	Times does not supply	
78A	TC 19/.0117 0.0585	Rubber-E 0.288	1:TC	PVC-IIA 0.420	NA	0.149	48	50.0	8,000 peak	-40 +80	Times does not supply	
79	CCS 0.0253	Air-space PE 0.285	1:BC	PVC-I 0.405	Al. Braid 0.463	0.136	125	10.0	1,000	-40 +80	Use: M17/31-RG79	
79A	CCS 0.0253	Air-space PE 0.285	1:BC	PVC-I 0.405	Al. Braid 0.463	0.130	125	10.0	1,000	-40 +80	Use: M17/31-RG79	
79B	CCS 0.0253	Air-space PE 0.285	1:BC	PVC-IIA 0.405	Al. Braid 0.463	0.136	125	10.0	1,000	-40 +80	Use: M17/31-RG79	
80	RIGID LINE	See Mil HDBK 216 para 5.2										Times does not supply
81	BC 0.0625	MGO-G 0.321	None	Copper Tube .325	NA	0.172	50	37.0	3,000	>250	Times does not supply	
82	BC 0.1250	MGO-G 0.650	None	Copper Tube .750	NA	0.698	50	36.0	5,000	>250	Times does not supply	
83	BC 0.102	PE 0.240	1:BC	PVC-I 0.405	NA	0.120	35	44.0	2,000	-40 +80	Low Impedance	
84A	BC 0.1045	PE 0.680	1:BC	PVC-IIA	Lead 1.000	1.325	75	20.6	10,000	-40 +80	Times does not supply	

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85A	BC 0.1045	PE 0.680	1:BC	PVC-IIA	Lead 1.565	2.910	75	20.6	10,000	-40 +80	Times does not supply
86	7/.0285-2 Cond.BC 0.0855	PE .300 x .650	None	None	NA	0.100	200	7.8	10,000	-55 +80	Twin Lead
87A	SC 7/.032 0.0960	PTFE 0.280	2:SC	FG Braid-V 0.425	NA	0.180	50	29.4	5,000	-55 +250	Use: M17/127-RG393
88	TC 19/.0117 0.0585	Rubber-E 0.288	4:TC	PVC-I 0.515	NA	0.211	48	50.0	10,000	-40 +80	Times does not supply
88A	TC 19/.0117 0.0585	Rubber-E 0.288	4:TC	PVC-IIA 0.515	NA	0.211	48	50.0	10,000	-40 +80	Times does not supply
88B	TC 19/.0117 0.0585	Rubber-E 0.288	4:TC	Rubber-IV 0.565	NA	0.238	48	50.0	10,000	-40 +80	Times does not supply
89	CCS 0.0253	Air-Space PE 0.285	1:BC	PVC-I 0.632	NA	0.195	125	10.0	1,000	-40 +80	Use: M17/31-RG63
90	SC 7/.0201 0.0603	PE 0.195	3:SC, GC, SC	PVC-IIA 0.425	NA		50	30.8	3,000	-40 +80	Excellent Shielding
91	RECTANGULAR WAVE GUIDE COVERED BY MIL-W-85 See MIL HDBK 216, Para. 6.17 -6.23										Times does not supply
92	RIGID COAXIAL LINE, See MIL HDBK 216 para. 5.2										Times does not supply
93	BC 19/.0400 0.2000	Taped PTFE 0.573	1:BC	FG Braid-V 0.710	NA	0.475	50	29.0	10,000	-55 +250	Use: M17/72-RG211
94	SC 19/.0225 0.1125	Taped PTFE 0.292	2:BC	FG Braid-V 0.445		0.270	50	29.0	7,000	-55 +250	Use: M17/87-00001
94A	SC 19/.0254 0.1270	Taped PTFE 0.370	2:BC	FG Braid-V 0.500		0.445	50	29.0	7,000	-55 +250	Use: M17/87-00001
95-99	RECTANGULAR WAVE GUIDE COVERED BY MIL-W-85 See Mil HDBK 216, Para 6.17 -6.23										Times does not supply
100	BC 19/.0147 0.0735	PE 0.146	1:BC	PVC-I 0.242	NA	0.046	35	44.0	2,000	-40 +80	Use up to 1000 MHz
101	BC 0.0641	Rubber	1:TC .588	NA	NA		75				Times does not supply
102	2:BC 0.0808	Rubber	1:TC 1.088	NA	NA		140				Times does not supply
103-107	RECTANGULAR WAVE GUIDE COVERED BY MIL-W-85 See MIL HDBK 216, Para. 6.17 -6.23										Times does not supply
108	2:TC 7/.0126 0.0378	PE (each) 0.079	1:TC	PVC-II 0.235	NA	0.032	78	19.7	1,000	-40 +80	Use: M17/45-RG108
108A	2:TC 7/.0126 0.0378	PE (each) 0.079	1:TC	PVC-IIA 0.235	NA	0.032	78	19.7	1,000	-40 +80	Use: M17/45-RG108
109-110	RECTANGULAR WAVE GUIDE COVERED BY MIL-W-85 See MIL HDBK 216, Para. 6.17 -6.23										Times does not supply
111	2:BC 7/.0152 0.0456	PE 0.285	2:TC	PVC-II	Al. Braid 0.478	0.146	95	16.3	1,000	-40 +80	Use: M17/15-RG111
111A	2:BC 7/.0152 0.0456	PE 0.285	2:TC	PVC-IIA	Al. Braid 0.478	0.146	95	16.3	1,000	-40 +80	Use: M17/15-RG111

## RG Cable Descriptions

RG-/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
112-113		RECTANGULAR WAVE GUIDE COVERED BY See MIL HDBK 216, Para 6.17 -6.23				MIL-W-85					Times does not supply
114	CCS 0.0070	Air-space PE 0.285	1:BC	PVC-IIA 0.405	NA	0.087	185	6.5	1,000	-40 +80	Use: M17/47-RG114
114A	CCS 0.0070	Air-space PE 0.285	1:BC	PVC-I 0.405	NA	0.087	185	6.5	1,000	-40 +80	Use: M17/47-RG114
115	SC 7/.0280 0.0840	Taped PTFE 0.250	2:SC	FG Braid-V 0.375	NA	0.148	50	29.0	5,000	-55 +250	Use: M17/168-00001
115A	SC 7/.0280 0.0840	Taped PTFE 0.255	2:SC	FG Braid-V 0.415	NA	0.180	50	29.0	5,000	-55 +250	Use: M17/168-00001
116	SC 7/0.320 0.0960	PTFE 0.280	2:SC	FG Braid-V	Al. Braid 0.475	0.198	50	29.4	5,000	-55 +250	Use: M17/86-00002
117	BC 0.1880	PTFE 0.620	1:BC	FG Braid-V .730	NA	0.641	50	29.4	7,000	-55 +250	Use: M17/72-RG211
117A	BC 0.1880	PTFE 0.620	1:BC	FG Braid-V	NA	0.641	50	29.4	7,000	-55 +250	Use: M17/72-RG211
118	BC 0.1880	PTFE 0.620	1:BC	FG Braid-V	Al. Braid 0.780	0.682	50	29.4	7,000	-55 +250	Use: M17/161-00002
118A	BC 0.1880	PTFE 0.620	1:BC	FG Braid-V	Al. Braid 0.780	0.682	50	29.4	7,000	-55 +250	Use: M17/161-00002
119	BC 0.1020	PTFE 0.332	2:BC	FG Braid-V 0.465	NA	0.225	50	29.4	6,000	-55 +250	Use: M17/52-RG119
120	BC 0.1020	PTFE 0.332	2:BC	FG Braid-V	Al. Braid 0.523	0.282	50	29.4	6,000	-55 +250	Use: M17/52-RG120
121		RECTANGULAR WAVE GUIDE COVERED BY See MIL HDBK 216, Para 17 -6.23				MIL-W-85					Times does not supply
122	TC 27/0050 0.0300	PE 0.096	1:TC	PVC-IIA 0.160	NA	0.016	50	30.8	1,900	-40 +80	Use: M17/54-RG122
124	TCCS 0.0253	Taped PTFE 0.135	1:TC	FG Braid-V 0.240	NA	0.210	73	19.9	2,300	-55 +250	Use: M17/110-RG302
125	CCS 0.0159	Air-space PE 0.46	1:BC	PVC-IIA 0.600	NA	0.180	150	7.8	2,000	-40 +80	Low Capacitance
126	HR 7/.0203 0.0609	PTFE 0.185	1:HR	FG Braid-V 0.280	NA	0.070	50	29.4	3,000	-55 +250	Use: M17/109-RG301
127		RECTANGULAR WAVE GUIDE COVERED BY See MIL HDBK 216, Para. 6.17 -6.23				MIL-W-85					Times does not supply
128		RIGID LINE See MIL HDBK 216, Para. 5.2									Times does not supply
129		RECTANGULAR WAVE GUIDE COVERED BY See MIL HDBK 216, Para. 6.17 -6.23				MIL-W-85					Times does not supply
130	2:BC 7/.0285 0.0855	PE 0.472	1:TC	PVC-I 0.625	NA	0.220	95	17.0	3,000	-40 +80	Use: M17/56-RG130
131	2:BC 7/.0285 0.0855	PE 0.472	1:TC	PVC-I 0.625	Al. Braid 0.683	0.290	95	17.0	3,000	-40 +80	Use: M17/56-RG131
132		RECTANGULAR WAVE GUIDE COVERED BY See MIL HDBK 216, Para. 6.17 -6.23				MIL-W-85					Times does not supply

## RG Cable Descriptions

RG-U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
133	BC 0.0285	PE 0.285	1:BC	PVC-I 0.405	NA	0.094	95	16.3	4,000	-40 +80	Use: M17/100-RG133
133A	BC 0.0253	PE 0.285	1:TC	PVC-IIA 0.405	NA	0.094	95	16.3	4,000	-40 +80	Use: M17/100-RG133
134		RIGID LINE	See MIL	HDBK 216,	Para. 5.2						Times does not supply
135-139		RECTANGULAR WAVE GUIDE COVERED BY MIL-W-85 See MIL HDBK 216, Para. 6.17 -6.23									Times does not supply
140 0.0250	SCCS 0.146	PTFE	1:SC 0.233	FG Braid-V	NA	0.056	75	19.5	2,300	-55 +250	Use: M17/110-RG302
141 0.0359	SCCS 0.116	PTFE	1:SC 0.190	FG Braid-V	NA	0.036	50	29.4	1,900	-55 +250	Use: M17/111-RG303
141A 0.0390	SCCS 0.116	PTFE	1:SC 0.190	FG Braid-V	NA	0.036	50	29.4	1,900	-55 +250	Use: M17/111-RG303
142	SCCS 0.0359	PTFE 0.116	2:SC	FG Braid-V 0.195	NA	0.047	50	29.4	1,900	-55 +250	Use: M17/60-RG142
142A	SCCS 0.0390	PTFE 0.116	2:SC	FG Braid-V 0.195	NA	0.047	50	29.4	1,900	-55 +250	Use: M17/60-RG142
142B	SCCS 0.0390	PTFE 0.116	2:SC	FEP 0.195	NA	0.050	50	29.4	1,900	-55 +250	Use: M17/60-RG142
143 0.0570	SCCS 0.185	PTFE	2:SC 0.325	FG Braid-V	NA	0.114	50	29.4	3,000	-55 +250	Use: M17/112-RG304
143A 0.0590	SCCS 0.185	PTFE	2:SC 0.325	FG Braid-V	NA	0.109	50	29.4	3,000	-55 +250	Use: M17/112-RG304
144	SCCS 7/.0179 0.0537	PTFE 0.285	1:SC	FG Braid-V 0.410	NA	0.137	75	19.5	5,000	-55 +250	Use: M17/62-RG144
145 0.0720	2:BC	Air-space PE	BC Tube	Lead/tar	NA		75	14.6			Times does not supply
146	CCS 0.0070	Air-space PTFE 0.285	1:BC	FG Braid-V 0.375	NA	0.108	190	6.0	1,000	-55 +200	Low capacitance
147	BC 0.2500	PE 0.910	1:BC	PVC-I 1.120	Al. Braid 1.937		52	29.6	14,000	-40 +80	Use: M17/81-00002
148	BC 7/.0285 0.0855	PE 0.285	1:BC	PVC-I 0.405	Al. Braid 0.800		52	29.6	4,000	-40 +80	Use: M17/74-RG213
149	TC 7/.0159 0.0480	PE 0.285	1:BC	PVC-IIA 0.405	NA	0.105	75	20.6	5,000	-40 +80	Use: M17/126-RG391
150	TC 7/.0159 0.0480	PE 0.285	1:BC	PVC-IIA 0.405	Al. Braid 0.463	0.112	75	20.6	5,000	-40 +80	Use: M17/126-RG392
151-155		RIGID LINES COVERED BY MIL-L-3890. See MIL HDBK216, para. 5.4									Times does not supply
156	TC 7/.0285 0.0855	PE & CPE 3: 0.285	TC,GS,TC	PVC-IIA 0.540	NA	0.211	50	32.8	10,000	-40 +80	Triaxial Pulse Cable
157	TC 19/.0201 0.1005	PE & CPE 3: 0.455	TC,GS,TC	PVC-IIA 0.725	NA	0.317	50	32.8	15,000	-40 +80	Triaxial Pulse Cable
158	TC 37/.0284 0.1988	PE & C PE 3: 0.455	TC,GS,TC	PVC-IIA 0.725	NA	0.380	25	65.5	15,000	-40 +80	Triaxial Pulse Cable



## RG Cable Descriptions

RG-/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
159	SC	Taped PTFE 0.0320	1:SC 0.116	FG Braid-V	NA 0.195	0.035	50	29.0	1,900	-55 +250	Use: M17/111-RG303
160	2:TC,2:BC 19/0.0142 0.071	PE 0.322	1:BC	PVC-I 1.055	NA		125	12.0	3,000	-40 +80	4 conductor balanced line
161	S Cad.BR 7/0.004 0.012	PTFE 0.057	1:SC	Nylon 0.082	NA	0.015	70	20.9	1,000	-60 +120	
162	RIGID LINE See MIL HDBK 216, Para. 5.2										Times does not supply
163	RECTANGULAR WAVE GUIDE COVERED BY MIL-W-85 See MIL HDBK 216, para. 6.17 - 6.23										Times does not supply
164	BC 0.1045	PE 0.680	1:BC	PVC-IIA 0.870	NA	0.490	75	20.6	10,000	-40 +80	Use: M17/64-RG164
165	SC 7/.0320 0.0960	PTFE 0.285	1:SC	FG Braid-V 0.410	NA	0.121	50	29.4	5,000	-55 +250	Use: M17/65-RG165
166	SC 7/.0320 0.0960	PTFE 0.285	1:SC	FG Braid-V 0.410	Al. Braid 0.460	0.144	50	29.4	5,000	-55 +250	Use: M17/65-RG166
167-173	RECTANGULAR WAVE GUIDE COVERED BY MIL-W-85 See MIL HDBK216, para. 6.17 - 6.23										Times does not supply
174	CCS 7/.0063 0.0189	PE 0.060	1:TC	PVC-I 0.100	NA	0.008	50	30.8	1,500	-40 +80	Use: M17/119-RG174
174A	CCS 7/.0063 0.0189	PE 0.060	1:TC	PVC-IIA 0.100	NA	0.008	50	30.8	1,500	-40 +80	Use: M17/119-RG174
175	RIGID LINE										Times does not supply
176	Helix over magnetic core 0.135	PE 0.285	1:Magnet wire	PVC-I 0.405	NA	0.120	2240	49.0	5,000	-40 +80	Times does not supply
177	BC 0.1950	PE 0.680	2:SC	PVC-IIA 0.895	NA	0.470	50	30.8	11,000	-40 +80	Use: M17/67-RG177
178	SCCS 7/.0040 0.0120	PTFE 0.036	1:SC	KEL-F 0.072	NA	0.0054	50	29.4	1,000	-40 +150	Use: M17/93-RG178
178A	SCCS 7/.0040 0.0120	PTFE 0.034	1:SC	KEL-F 0.072	NA	0.005	50	29.4	1,000	-40 +150	Use: M17/93-RG178
178B	SCCS 7/.0040 0.0120	PTFE 0.034	1:SC	FEP-IX 0.072	NA	0.0054	50	29.4	1,000	-55 +200	Use: M17/93-RG178
179	SCCS 7/.0040 0.0120	PTFE 0.057	1:SC	KEL-F 0.100	NA	0.010	70	20.9	1,200	-55 +150	Use: M17/94-RG179
179A	SCCS 7/.0040 0.0120	PTFE 0.063	1:SC	KEL-F 0.100	NA	0.010	75	19.5	1,200	-40 +150	Use: M17/94-RG179
179B	SCCS 7/.0040 0.0120	PTFE 0.063	1:SC	FEP-IX 0.100	NA	0.010	75	19.5	1,200	-55 +200	Use: M17/94-RG179
180	SCCS 7/.0040 0.0120	PTFE 0.103	1:SC	KEL-F 0.140	NA	0.019	93	15.4	1,500	-40 +150	Use: M17/95-RG180
180A	SCCS 7/.0040 0.0120	PTFE 0.102	1:SC	KEL-F 0.140	NA	0.019	95	15.4	1,500	-40 +150	Use: M17/95-RG180
180B	SCCS 7/.0040 0.0120	PTFE 0.102	1:SC	FEP-IX 0.140	NA	0.019	95	15.4	1,500	-55 +200	Use: M17/95-RG180

## RG Cable Descriptions

RG-/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments	
181	2:BC 7/.0159 0.0477	PE 0.210	2:BC	PVC-IIA 0.640	NA	0.198	125	12.0	3,500	-40 +80	Balanced line	
182	2BC 19/.0142 2TC 19/.0066	PE 4 cores 2/.332-2/.146	2:BC	PVC-IIAea/ PVC-I1.055	NA		125	12.0	2,300	-40 +80	4 conductor coax	
183	BC 0.251	PS Helix 0.632	Al. Tube .750	None	NA	0.380	50	23.0	1,800	-40 +80	Use Times M17/226-00001	
184	RECTANGULAR	WAVE GUIDE	(MIL-W-18988 [ships]; canceled 20 March, 1961)									Times does not supply
185	Mag wire Helix on PE core 0.0031	Air-space PE 0.188	MW	PVC-IIA 0.282	NA		2000			-40 +80	Delay line cable	
186	TFE Helix over core 0.008	Air-space PE 0.292	MW	PVC-IIA 0.405	NA		1000			-40 +80	Delay line cable	
187	SCCS 7/.0040 0.0120	PTFE 0.060	1:SC	PTFE 0.105	NA	0.010	75	19.5	1,200	-55 +250	Use: M17/136-00001	
187A	SCCS 7/.0040 0.0120	PTFE 0.060	1:SC	PTFE 0.105	NA	0.010	75	19.5	1,200	-55 +250	Use: M17/136-00001	
188	SCCS 7/.0067 0.0201	PTFE 0.060	1:SC	PTFE 0.105	NA	0.011	50	29.4	1,200	-55 +250	Use: M17/138-00001	
188A	SCCS 7/.0067 0.0201	PTFE 0.060	1:SC	PTFE 0.105	NA	0.011	50	29.4	1,200	-55 +250	Use: M17/138-00001	
189	BC 0.2510	PS Helix 0.632	2:SC	PE-IIIA 0.875	NA	0.570	50	23.0	3,500	-55 +80	Use RG389	
190	TC 19/.0117 0.0585	Rubber H,J,3:TC,GS,TC 0.380	Neoprene VIII	0.700	NA	0.353	50	50.0	15,000	-55 +80	Times does not supply	
191	TC Braid 0.485	Rubber H,J,H 3:TC,GS,TC 1.065	Neoprene VIII	1.460	NA	1.469	25	85.0	15,000 peak	-55 +80	Times does not supply	
192	GS Tube TC Braid 1.055	Butyl Rubber	3:TC,GS,TC	Rubber 2.200	NA		12.5	175.0	15,000 peak	-55 +80	Times does not supply	
193	GS Tube TC Braid 1.055	Silicon Rubber	3:TC,GS,TC	Rubber 2.100	NA		12.5	159.0	30,000 peak	-55 +80	Times does not supply	
194	GS Tube TC Braid 1.055	Silicon Rubber	3:TC,GS,TC	Rubber	Al. Armor 1.945		12.5	159.0	30,000 peak	-55 +80	Times does not supply	
195	SCCS 7/.004 0.012	PTFE 0.102	1:SC	PTFE 0.145	NA	0.020	95	15.4	1,500	-55 +250	Use: M17/137-00001	
195A	SCCS 7/.004 0.012	PTFE 0.102	1:SC	PTFE 0.145	NA	0.020	95	15.4	1,500	-55 +250	Use: M17/137-00001	
196	SCCS 7/.004 0.012	PTFE 0.034	1:SC	PTFE 0.072	NA	0.006	50	29.4	1,000	-55 +250	Use: M17/93-00001	
196A	SCCS 7/.004 0.012	PTFE 0.034	1:SC	PTFE 0.072	NA	0.006	50	29.4	1,000	-55 +250	Use: M17/93-00001	
197	BC 00001	PS Helix	Al. Tube	None 0.300	NA 0.758	0.500 .875	50	22.0 peak	2,400	-55 +80	Use Times M17/227-	
198	BC 0.114	PS Helix 0.421	Al. Tube .500'	PE 0.600	NA	0.155	70	16.0	1,300 peak	-55 +80	Times does not supply	
199	BC 0.209	PS Helix 0.758	Al. Tube .875	PE 1.015	NA	0.435	70	16.0	2,400 peak	-55 +80	Times does not supply	

## RG Cable Descriptions

RG-/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
200	BC Tube .301 id/ .405 od	PS Helix 1.472	Al. Tube	PE 1.765	NA	0.900	70	16.0	4,600 peak	-55 +250	Times does not supply
201-208	RECTANGULAR WAVE GUIDE COVERED BY MIL - W- 85. See MIL HDBK 216, para. 6.17 - 6.23										Times does not supply
209	SC 19/.0378 0.189	Air-space PTFE 0.500	2:SC	SR & Polyester/V 0.725	NA	0.432	50	25.0	3,200	-55 +150	Low loss RG211A
210	SCCS 0.0253	Air-space PTFE 0.146	1:SC	FG Braid-V 0.242	NA	0.040	93	13.5	750	-55 +250	Use: M17/97-RG210
211	BC 0.1900	PTFE 0.620	1:BC	FG Braid-V 0.730	NA	0.641	50	29.4	7,000	-55 +250	Use: M17/72-RG211
211A	BC 0.1900	PTFE 0.620	1:BC	FG Braid-V 0.730	NA	0.641	50	29.4	7,000	-55 +250	Use: M17/72-RG211
212	SC 0.0556	PE 0.185	2SC	PVC-IIA 0.332	NA	0.083	50	29.4	3,000	-40 +80	Use: M17/73-RG212
213	BC 7/.0296 0.0888	PE 0.285	1:BC	PVC-IIA 0.405	NA	0.099	50	30.8	5,000	-40 +80	Use: M17/74-RG213
214	SC 7/.0296 0.0888	PE 0.285	2:SC	PVC-IIA 0.425	NA	0.126	50	30.8	5,000	-40 +80	Use: M17/75-RG214
215	BC 7/.0296 0.0888	PE 0.285	1:BC	PVC-IIA 0.425	Al. Braid 0.463	0.121	50	30.8	5,000	-40 +80	Use: M17/74-RG215
216	TC 7/.0159 0.0477	PE 0.285	2:BC	PVC-IIA 0.425	NA	0.114	75	20.6	5,000	-40 +80	Use: M17/77-RG216
217	BC 0.106	PE 0.370	2:BC	PVC-IIA 0.545	NA	0.201	50	30.8	7,000	-40 +80	Use: M17/78-RG217
218	BC 0.195	PE 0.680	1:BC	PVC-IIA 0.870	NA	0.460	50	30.8	11,000	-40 +80)	Use: M17/79-RG218
219	BC 0.195	PE 0.680	1:BC	PVC-IIA 0.870	Al. Braid 0.928	0.585	50	30.8	11,000	-40 +80	Use: M17/79-RG219
220	BC 0.260	PE 0.910	1:BC	PVC-IIA 1.120	NA	0.740	50	30.8	14,000	-40 +80	Use: M17/81-00001
221	BC 0.260	PE 0.910	1:BC	PVC-IIA 1.120	Al. Braid 1.178	0.925	50	30.8	14,000	-40 +80	Use: M17/81-00002
222	HR 0.0556	PE 0.185	2:SC	PVC-IIA 0.332	NA	0.087	50	30.8	3,000	-40 +80	Use: M17/162-00001
223	SC 0.0350	PE 0.116	2:SC	PVC-IIA 0.211	NA	0.034	50	30.8	1,900	-40 +80	Use: M17/84-RG223
224	BC 0.106	PE 0.370	2:BC	PVC-IIA 0.545	Al. Braid 0.603	0.310	50	30.8	7,000	-40 +80	Use: M17/165-00002
225	SC 7/.0312 0.0936	PTFE 0.285	2:SC	FG Braid-V 0.430	NA	0.180	50	29.4	5,000	-55 +250	Use: M17/86-00001
226	SC 19/.0254 0.127	Taped PTFE 0.370	2:BC	FG Braid-V 0.500	NA	0.445	50	29.4	7,000	-55 +250	Use: M17/87-00001
227	SC 7/.0312 0.0936	PTFE 0.285	2:SC	FG Braid-V 0.430	Al. Braid 0.488	0.198	50	29.4	5,000	-55 +250	Use: M17/86-00002
228	BC 0.1900	PTFE 0.620	1:BC	FG Braid-V 0.730	Al. Braid 0.788	0.682	50	29.4	7,000	-55 +250	Use: M17/161-00002

## RG Cable Descriptions

RG-/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
228A	BC 0.1900	PTFE 0.620	1:BC	FG Braid-V 0.730	Al. Braid 0.788	0.682	50	29.4	7,000	-55 +250	Use: M17/161-00002
229	SC 7/.032 0.096	PTFE 0.285	1:SC	FG Braid-V 0.430	Al. Braid 0.460	0.144	50	29.4	5,000	-55 +250	Use: M17/65-RG166
230	TC 37/.0284 0.1988	Rubber-D 0.455	3:TC,GS,GS	Rubber-IV 0.740	NA		25	100.0	15,000	-40 +80	Times does not supply
231	BC Tube 0.162	Foam PE 0.450	Al. Tube	None	NA	0.118	50	25.0	5,000 peak	-55 +80	Per MIL-C-23806/IA
231A	BC 0.162	Foam PE 0.45	Al. Tube	None	NA	0.156	50	25.0	5,000 peak	-55 +80	Per MIL-C-23806/IB +Amendment 1
232	BC 0.300	PE Helix 0.758	Al. Tube .875"	PE-III A 1.015	NA	0.570	50	22.0	2,400	-55 +80 peak	
233	BC Tube .481/.591	PS Helix 1.472	Al. Tube	PE-III A 1.765	NA	1.050	50	22.0	4,700 peak	-55 +80	Times does not supply
234	BC Tube 1.015 /1.570	PS Helix 2.775	Al. Tube	PE-III A 3.295	NA	3.110	50	22.0	8,700 peak	-55 +80	Times does not supply
235	SC 7/.0284 0.0852	Taped PTFE 0.255	2:SC	SIL/DAC/VI 0.450		0.160	50	29.5	5,000	-55 +80	Use M17/168-00001
236	BC 0.162	PS Helix 0.421	Al. Tube .500	None	NA	0.165	50	24.0	1,300	-55 +80 peak	
237	BC 0.162	PS Helix 0.421	Al. Tube .500	PE-III A 0.600	NA	0.195	50	24.0	1,300	-55 +80 peak	
238		CANCELLED	REPLACE WITH RG197/U								
239		CANCELLED	REPLACE WITH RG232/U								
240	BC Tube .481/.591	PS Helix 1.420	Al. Tube 1.625	None	NA	0.930	50	22.0	4,700 peak	-55 +80	Times does not supply
241		CANCELLED REPLACE WITH RG233									
242	BC Tube 1.036	PS Helix 2.850	Al. Tube 3.125	None	NA	2.700	50	22.0	8,700 peak	-55 +80	Times does not supply
243		CANCELLED REPLACE WITH RG234									
244	BC 0.102	PS Helix 0.421	Al. Tube .500	None	NA	0.118	75	15.5	1,200 peak	-55 +80	Times does not supply
245	BC 0.102	PS Helix 0.421	Al. Tube .500	PE-III A 0.600	NA	0.148	75	15.5	1,200 peak	-55 +80	Times does not supply
246	BC 0.1880	PS Helix 0.758	Al. Tube 0.875	None	NA	0.348	75	15.2	2,200 peak	-55 +80	Times does not supply
247	BC 0.1880	PS Helix 0.758	Al. Tube 0.875	PE-III A 1.015	NA	0.418	75	15.2	2,200 peak	-55 +80	Times does not supply
248	BC Tube .274/.374	PS Helix 1.472	Al. Tube 1.625	None	NA	0.948	75	15.0	4,300 peak	-55 +80	Times does not supply
249	BC Tube .274/.374	PS Helix 1.472	Al. Tube 1.625	PE-III A 1.765	NA	1.068	75	15.0	4,300 peak	-55 +80	Times does not supply
250	BC Tube .632/.732	PS Helix 2.850	Al. Tube 3.125	None	NA	2.395	75	15.0	8,500 peak	-55 +80	Times does not supply

## RG Cable Descriptions

RG-/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
251	BC Tube .632/.732	PS Helix 2.850	Al. Tube 3.125	PE-III A 3.295	NA	2.805	75	15.0	8,500 peak	-55 +80	Times does not supply
252	BC 0.1670	PE Tubes 0.456	Al. Tube 0.530	None	NA	0.175	50	24.0	1,000	-55 +80	Use Times M17/225-00001
253	BC 0.1670	PE Tubes 0.456	Al. Tube 0.530	PE 0.655	NA	0.225	50	24.0	1,000	-55 +80	Use Times M17/225-00001
254	SC 7/.0312 0.3110	PE Tubes 0.833	Al. Tube .953	PE 1.100	NA	0.655	50	24.0	1,860	-55 +80	Use Times M17/227-00001
255	BC 0.3110	PE Tubes 0.833	Al. Tube .953	None	NA	0.555	50	24.0	1,860	-55 +80	Use Times M17/227-00001
256	SC Tube .255/.311	PTFE Tubes 0.833	Al. Tube .953	None	NA	0.550	50	24.0	1,860	-55 +80	Times does not supply
257	BC Tube .486/.606	PS Tubes 1.622	Al. Tube 1.786	None	NA	1.200	50	24.0	3,640	-55 +80	Times does not supply
258	BC Tube .486/.606	PE Tubes 1.622	Al. Tube 1.786	PE 1.926	NA	1.380	50	24.0	3,640	-55 +80	Times does not supply
259	BC Tube 0.1150	PTFE Tubes 0.318	Al. Tube .390	None	NA	0.100	50	24.0	697	-55 +80	Use Times M17/223-00001
260	BC Tube 0.1150	PE Tubes 0.318	Al. Tube .390	PE-III A 0.450	NA	0.140	50	24.0	697	-55 +80	Use Times M17/223-00001
263	BC 0.1720	Air-space PTFE 0.421	Al. Tube .500	None	NA	0.170	50	21.5	1,300	(-40 +250 peak)	Use Times M17/225-00001
264	2:TC,2:BC 19/.0142 0.068	PE (ea core) 0.176	2:TC,2:BC,(BC)	PVC-II A 0.750	NA	0.336	36.8	41.0	2,000	-40 +80	Use RG264C/U
264A	2:TC,2:BC 19/.0142 0.068	PE (ea core) 0.176	2:TC,2:BC,(BC)	PUR 0.750	NA	0.327	36.8	41.0	2,000	-40 +80	Use RG264C/U
264C	2:TC,2:BC 0.068	PE (ea core) 0.186	2:TC,2:BC,(BC)	PUR 0.765	NA	0.327	40	38.4	2,000	-40 +80	Water tight per MIL-C-23020
265	BC Tube 0.677	PE Helix 1.578	CCS. Tube	PE-III A 2.070	NA		50	22.3	145 KW peak	-40 +80	Times does not supply
266	Cond. ovr Mag. core 0.0113 over 0.144	PE 0.285	75 Spiral wound wires	PVC-I 0.400	NA	0.120	1530	53.0	5,000 DC	-40 +80	Delay Line Cable
267	BC Tube 0.355	PS Helix	Corr. CCS Tube	PE-III A 1.190	NA		50	22.2	44 KW peak	-40 +80	Times does not supply
268	BC 0.161	PE Helix 0.350	Corr. BC Tube .350	None	NA	0.234	50	23.0	10 KW peak	-55 +80	
269	BC Tube .287/.358	PE Helix 0.795	Corr. BC Tube .795	None	NA	0.430	50	22.2	44 KW peak	-55 +80	
269A	BC Tube .287/.358	PE Helix 0.795	Corr. BC Tube .795	None	NA	0.430	50	22.2	44 KW peak	-55 +80	
270	BC Tube .588/.688	PE Helix 1.578	Corr. BC Tube 1.830	None	NA	0.875	50	22.3	145 KW peak	-55 +80	Times does not supply
270A	BC Tube .588/.688	PE Helix 1.578	Corr. BC Tube 1.830	None	NA	0.875	50	22.3	145 KW peak	-55 +80	Times does not supply
271-278	RECTANGULAR WAVE GUIDES COVERED BY MIL-W-85 See MIL HDBK216, para 6.17 - 6.23										Times does not supply

## RG Cable Descriptions

RG/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
279	SCCS 19/.0050 0.025	Air-space PTFE 0.110	1:SC	FG Braid-V 0.145	NA	0.125	75	16.9	1,000	-55 +250	Extra flexible high temp.
280	BC 0.1144	Taped PTFE 0.327	2:SC	FEP-IX 0.468	NA	0.200	50	25.4	3,000	-55 +200	Low Loss High frequency
281	SC 19/ .0378 0.1890	Taped PTFE 0.500	2:SC	Sil/DAC-VI 0.720	NA	0.400	50	25.4	4,000	-55 +150	Low Loss High Power
282	SC 0.0253	Irradiated PE 0.099	2:SC	FEP 0.200	NA	0.031	54.5	28.2	4,500	-40 +150	Times does not supply
283	SC 19/ .0117 0.0585	Rubber-D 0.288	2:SC	Rubber-IV 0.475	NA	0.145	46	50.0	8,000	-55 +150	Times does not supply
284A	BC 0.2200	PE Helix 0.795	Corr. BC 1.005	None	NA	0.410	75	15.0	29 KW peak	-55 +80	Times does not supply
285A	BC 0.1140	PTFE Helix 0.795	Corr. BC 1.005	None	NA	0.430	100	13.0	22 KW peak	-55 +200	Times does not supply
286	BC Tube .360/.430	PE Helix 1.570	Corr. BC 1.830	None	NA	0.720	75	15.1	100 KW peak	-55 +80	Times does not supply
287	BC 0.1970	PE Helix 1.570	Corr. BC 1.830	None	NA	0.750	100	13.5	73 KW peak	-55 +80	Times does not supply
288	BC Tube 1.2221 /1.3330	PE Helix 2.960	CCS 3.75	None	NA	3.000	50	21.6	440 KW peak	-40 +80	Times does not supply
289	CCS Tube 0.740/0.820	PE Helix 2.960	CCS 3.75	None	NA	3.000	75	14.7	290 KW peak	-40 +80	Times does not supply
290-291	RECTANGULAR WAVE GUDES COVERED BY MIL-W-85 See MIL HDBK 216, para. 6.17 - 6.23.										Times does not supply
292	BC Tube 0.4300	PE Helix 1.570	Corr. BC 1.830	PE 2.000	NA	1.040	75	15.1	100 KW peak	-55 +80	Times does not supply
293	BC 0.1060	PE 0.375	1:SC	PE-III A 0.545	NA	0.160	50	30.8	7,000	-55 +80	Water tight cable per Mil-C-23020
293A	BC 0.1060	PE 0.370	1:SC	PE-III A 0.545	NA	0.160	50	30.8	7,000	-55 +80	Water tight cable per Mil-C-23020
294	1:BC, 1:TC (2cond) 0.0808	PE 0.472	1:TC	PE-III A 0.630	NA	0.205	95	16.3	3,000	-55 +80	Water tight cable per Mil-C-23020
294A	1:BC, 1:TC (2cond) 0.0808	PE 0.472	1:SC	PE-III A 0.630	NA	0.205	95	16.3	3,000	-55 +80	Water tight cable per Mil-C-23020
295	BC 0.195	PE 0.680	1:SC	PE-III A 0.895	NA	0.420	50	30.8	11,000	-55 +80	Water tight cable per Mil-C-23020
296	SC 37/.0336 0.2352	Silicone Rubber 0.906	1:SC	Neoprene 1.190	NA		50	36.4	13,800	-55 +80	Times does not supply
297	BC Tube 0.287/0.355	PTFE Helix 0.795	Corr. BC Tube	None	NA		50	21.4	44 KW peak	-55 +200	
298	CCS 7/.0201 0.0603	PE 0.115	None	Foam PE .650	NA	0.090				-55 +80	Buoyant Cable per Mil-C-22667
299-300	RECTANGULAR WAVE GUIDE										Times does not supply
301	HR 7/.0203 0.0609	PTFE 0.185	1:HR	FEPIX .245	NA	0.056	50	29.4	3,000	-55 +200	Use M17/109-RG301
302	SCCS 0.025	PTFE 0.146	1:SC	FEPIX .201	NA	0.031	75	19.5	2,300	-55 +200	Use M17/110-RG302

## RG Cable Descriptions

RG-/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
303	SCCS 0.039	PTFE 0.116	1:SC	FEP-IX .170	NA	0.030	50	29.4	1,900	-55 +200	Use M17/111-RG303
304	SCCS 0.059	PTFE 0.185	2:SC	FEP-IX .280	NA	0.088	50	29.4	3,000	-55 +200	Use M17/112-RG304
305	BC Tube .360/.430	FEP 1.570	BC Tube 1.830	PE-III A 1.990	NA		75	19.5	2,720	-55 +80	Times does not supply
306A	BC 0.173	Foam PE 0.801	Al.Tube .875	PE-III A 1.015	NA	0.545	75	16.9	5,700	-55 +80	Per Mil-C-23806
307	SC 19/.0058 0.029	Foam PE 0.146	2:SC PUR Int	PE-111A 0.270	NA	0.070	75	16.9	1,000	-55 +80	Use M17/116-RG307
307A	BC 19/.0058 0.029	Foam PE 0.146	2:SC PUR Int	PE-111A 0.270	NA	0.070	75	16.9	1,000	-55 +80	Use M17/116-RG307
308-315	BEAD SUPPORTED RIGID LINES, See MIL-R-9671										Times does not supply
316	SCCS 7/.0067 0.0201	PTFE 0.060	1:SC	FEP-IX 0.102	NA	0.012	50	29.4	1,200	-55 +80	Use M17/113-RG316
317	2: BC 7/.0290 0.0870	FEP 0.446	1:TC	Neprene 0.710	NA		95	15.4	10,000	-55 +80	Water blocked
318	BC Tube .287/.358	PE Helix 0.795	Corr.BC 1.005	PE-III A 1.125	NA	0.530	50	22.0	44KW peak	-55 +80	
319	BC Tube .588/.688	PE Helix 1.570	Corr.BC 1.830	PE-III A 2.000	NA	1.040	50	22.0	145 KW peak	-55 +80	Times does not supply
320	WAVE GUIDE									-55 +80	Times does not supply
321	Corr. BC Tube 1.1400	PE Helix	Corr. BC	None	NA	1.210	50	21.7	320 KW peak	-55 +80	Times does not supply
322	Corr. BC 1.1400	PE Helix	Corr. BC	PE 3.040	NA	1.780	50	21.7	320 KW peak	-55 +80	Times does not supply
323	BC Tube .312	Foam PE 0.3120	Corr. BC	PE 1.060	NA	0.420	50	25.4	1,480	-55 +80	Use Times M17/227-00001
324	BC Tube .312	Foam PE 0.3120	Corr. BC	None	NA	0.320	50	25.4	1,480	-55 +80	Use Times M17/227-00001
325	SCC Al. 19/0.020 0.1000	PE Spline 0.260	2:SC Strip	PUR 0.350	NA	0.100	50	26.3	750	-55 +80	Low loss
326	SCC Al. 19/0.040 0.2000	PE Spline 0.550	2:SC Strip	PUR 0.697	NA	0.240	50	26.3	1,700	-55 +80	Low loss
327	SCC Al. 19/0.064 0.3200	PE Spline 0.840	2:SC Strip	PUR 1.010	NA	0.550	50	26.3	2,500	-55 +80	Low loss
328	TC Braid 0.4850	Rubber H,J,H3 1.065	TC,GS,TC	Neoprene 1.460	NA	1.469	25	85.0	20,000	-55 +80	Times does not supply
329	TC 19/.0117 0.0585	Rubber H,J,H3 0.380	TC,GS,TC	Neoprene 0.700	NA	0.353	50	50.0	15,000	-55 +80	Times does not supply
330	SC	Foam PE	1:SC		NA		50	25.0			Times does not supply
331	CCA 0.1620	Foam PE 0.450	Al. Tube .500	PE-III A 0.600	NA	0.187	50	25.4	2,500	-55 +80	Use Times M17/225-00001
332	BC 0.280	Foam PE 0.801	Al. Tube .875	None	NA	0.466	50	25.4	4,500	-55 +80	Use Times M17/227-00001

## RG Cable Descriptions

RG-U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Armor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
333	CCA 0.2880	Foam PE 0.801	Al. Tube .875	PE-III A 1.015	NA	0.548	50	25.4	4,500	-55 +80	Use Times M17/227-00001
334	BC 0.098	Foam PE 0.450	Al. Tube .500	None	NA	0.109	75	16.9	2,500	-55 +80	Per MIL-C-23806
335	BC 0.098	Foam PE 0.450	Al. Tube .500	PE-III A 0.625	NA	0.143	75	16.9	2,500	-55 +80	Jacketed RG334/U
336	BC 0.173	Foam PE 0.801	Al. Tube .875	None	NA	0.315	75	16.9	4,000	-55 +80	Per MIL-C-23806
337-359	RECTANGULAR WAVE GUIDES COVERED BY MIL-W-85. See MIL HDBK 216, Para 6.17 - 6.23										Times does not supply
360	BC 0.243	Foam PE 0.676	Al. Tube .750	PE-III A 0.825	NA	0.397	50	25.4	4,000	-55 +80	Per MIL-C-23806
361-365	DATA NOT AVAILABLE										
366	BC 0.1600	Foam PE 0.540	Corr. BC	PE-III A 0.620	NA		50	25.4	4,000	-55 +80	Use Times M17/225-00001
367	Corr. BC	PE Helix	Corr. BC 5.200	PE-III A	NA	4.590	50	21.7 PEAK	830KW	-55 +80	Times does not supply
369	BC 0.117	PE Tubes 0.318	Al. Tube .390	PE-III A 0.470	NA	0.140	50	24.0	700	-55 +80	Use Times M17/223- 00001
370	BC 0.117	PE Tubes 0.318	Al. Tube .390	None	NA	0.100	50	24.0	700	-40 +80	Use Times M17/223- 00001
372-373	EXPERIMENTAL BUOYANT COAXIAL TRANSMISSION LINE										
374	BC 0.0285	PE 0.160	None	Foam PE 0.650	NA	0.097				-55 +80	Buyoant Antenna
375	RECTANGULAR WAVE GUIDE										Times does not supply
376	BC Tube 0.3120	Foam PE	Corr. Al. Tube	PE-III A 1.060	NA	0.390	50	25.4	6,000	-55 +80 00001	Use Times M17/227-
377	SC Tube 0.1650	PTFE Tubes	Al. Tube .530	None	NA	0.170	50	24.0	1,000	-55 +250	
378	BC Tube 0.7130	PE Helix	Corr. Al. Tube	PE-III A 2.000	NA	0.620	50	22.1	145 KW peak	-55 +80	Times does not supply
379-381	ELLIPTICAL WAVE GUIDES										Times does not supply
382	RIGID LINE										Times does not supply
383	2: (2000 pound break) 0.0403	PE	None	Foam PE 0.650	NA		100			-55 +80	Buoyant Twisted pair
384	BC 0.0508	PE	1: BC Strip	Foam PE 0.650	NA		50	30.8		-55 +80	Buoyant Antenna
385	SC 0.1530	Semi-solid PTFE 0.425	Corr. Al Tube	Optional 0.660	NA	0.178	50	25.4	1,500	-55 +250	Low loss cable per MIL-C-22931
386	CCS 0.0508	PE	Non-hosing	Foam PE 0.650	NA					-55 +80	Buoyant Antenna Cable
387	DATA NOT AVAILABLE										



## RG Cable Descriptions

RG-/U Number	Conductor inches	Dielectric inches	Shields	Jacket inches	Aarmor inches	Weight lbs/foot	Impedance ohms	Capacitance pF/foot	Max Oper. Voltage vms	Temperature Range °C	Comments
388	SC	PE	SC	PE-III A 0.545	NA		50	30.8		-55 +80	Watertight Cable
389	BCCA I 0.2500	PE Spline 0.635	2:SC	PE-III A 0.875	NA	0.366	50	22.8	2,000	-55 +80	Low loss RG189/U
390	DATA	NOT AVAILABLE									
391	TC 7/.0159 0.0480	CPE & PE 0.285	1:TC	PVC-II A 0.405	NA	0.092	72	23.0	5,000	-55 +80	Use M17/126-RG391
392	TC 7/.0159 0.0480	CPE & PE 0.285	1:TC	PVC-II A 0.405	Al. braid 0.475	0.114	72	23.0	5,000	-55 +80	Use M17/126-RG392
393	SC 7/.0312 0.0936	PTFE 0.285	2:SC	FEP-IX 0.390	NA	0.165	50	29.4	5,000	-55 +200	Use M17/127-RG393
397	SC 7/.032 0.0960	Air-space PTFE 0.270	2:SC	FEP-IX 0.350	NA	0.125	50	25.4	2,000	-55 +200	Low loss RG393/U
400	SC 19/.0077 0.0384	PTFE 0.116	2:SC	FEP-IX 0.195	NA	0.050	50	29.4	1,900	-55 +200	Use M17/128-RG400
401	SC 0.0645	PTFE 0.215	BC Tube .250	None	NA	0.081	50	29.4	3,000	-55 +90	Use M17/129-RG401
402	SCCS 0.036	PTFE 0.119	BC Tube .141	None	NA	0.0320	50	29.4	2,500	-55 +100	Use M17/130-RG402
403	SC 7/.004 0.012	PTFE 0.034	2:SC, FEP Int.Lay	FEP-IX 0.116	NA	0.0075	50	29.4	1,000	-55 +200	Use M17/131-RG403
404	SC 7/.004 0.012	PTFE & CPT 0.034	1:SC	FEP-IX 0.072	NA	0.0054	50	31.5	2,000	-55 +200	Use M17/132-00001
405	SCCS 0.0201	PTFE 0.066	BC Tube .0865	None	NA	0.0150	50	29.4	1,500	-55 +100	Use M17/133-RG405