

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	PTFE Helix 0.1140	Corr.BC 0.795	None 1.005	NA	0.430	100	13.0	22 KW	-55 +200 peak	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 GUIDES 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	1BC,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	1BC,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	FEP-IX .245	NA	0.056	50	29.4	3,000	-55 +200	Use M17/109-RG301
302	SCCS 0.025	PTFE 0.146	1:SC	FEP-IX .201	NA	0.031	75	19.5	2,300	-55 +200	Use M17/110-RG302