

[RG Cables](#)[Commercial Cables](#)[Low Loss Cables](#)

<a href="#">Cable Designation</a> <a href="#">(/U)</a>	MIL-W-17 Spec	Impedence ( $\Omega$ )	Type	Dielectric Material	Capacitance (pF/ft)	O.D. (inches)	dB/100 ft @400 MHz	Vmax (rms)	Shield Construction
RG-4		50	Flexible	Solid Polyethylene	30.8	0.226	11.7	1,900	Braid
RG-5		52.5	Flexible	Solid Polyethylene	28.5	0.332	7.0	3,000	Braid
RG-5A/B		50	Flexible	Solid Polyethylene	30.8	0.328	6.5	3,000	Braid
RG-6	/2-RG6	76	Flexible	Solid Polyethylene	20.8	0.332	7.4	3,000	Braid
RG-6A	/2-RG6	75	Flexible	Solid Polyethylene	20.6	0.332	6.5	2,700	Braid
RG-8		52	Flexible	Solid Polyethylene	29.6	0.405	6.0	4,000	Braid
9914 (RG-8)		50	Flexible	Solid Polyethylene	24.8	0.403	2.6	300	Braid, Foil
RG-8A		52	Flexible	Solid Polyethylene	29.6	0.405	6.0	5,000	Braid
RG-9		51	Flexible	Solid Polyethylene	30.2	0.42	5.9	4,000	Braid
RG-9A		51	Flexible	Solid Polyethylene	30.2	0.42	6.1	4,000	Braid
RG-9B		50	Flexible	Solid Polyethylene	30.8	0.42	6.1	5,000	Braid
RG-10		52	Flexible	Solid Polyethylene	29.6	0.463	6.0	4,000	Braid
RG-10A		52	Flexible	Solid Polyethylene	29.6	0.463	6.0	5,000	Braid
RG-11	/6-RG11	75	Flexible	Solid Polyethylene	20.6	0.405	5.7	5,000	Braid
RG-11A	/6-RG11	75	Flexible	Solid Polyethylene	20.6	0.405	5.2	5,000	Braid
RG-12	/6-RG12	75	Flexible	Solid Polyethylene	20.6	0.463	5.7	4,000	Braid
RG-12A	/6-RG12	75	Flexible	Solid Polyethylene	20.6	0.463	5.2	5,000	Braid
RG-17A		52	Flexible	Solid Polyethylene	29.6	0.87	2.8	11,000	Braid
RG-22	/15-RG22	95	Flexible	Solid Polyethylene	16.0	0.405	10.5	1,000	Braid
RG-22A/B	/15-RG22	95	Flexible	Solid Polyethylene	16.3	0.42	10.5	1,000	Braid
RG-23/A	/16-RG23	125	Flexible	Solid Polyethylene	12.0	0.65	5.2	3,000	Braid
RG-24/A	/16-RG24	125	Flexible	Solid Polyethylene	12.0	0.708	5.2	3,000	Braid
RG-34	/24-RG34	71	Flexible	Solid Polyethylene	21.7	0.625	5.3	5,200	Braid
RG-34A	/24-RG34	75	Flexible	Solid Polyethylene	20.6	0.63	5.3	6,500	Braid
RG-35	/64-RG35	71	Flexible	Solid Polyethylene	21.7	0.928	2.8	10,000	Braid

RG-35A/B	/64-RG35	75	Flexible	Solid Polyethylene	20.6	0.928	2.8	10,000	Braid
RG-55B		53.5	Flexible	Solid Polyethylene	28.8	0.2	11.7	1,900	Braid
RG-58	/28-RG58	53.5	Flexible	Solid Polyethylene	30.8	0.195	11.7	1,900	Braid
RG-58A	/28-RG58	52	Flexible	Solid Polyethylene	30.8	0.195	13.2	1,900	Braid
RG-58B		53.5	Flexible	Solid Polyethylene	28.8	0.195	14.0	1,900	Braid
RG-58C	/28-RG58	50	Flexible	Solid Polyethylene	30.8	0.195	14.0	1,900	Braid
RG-59/A	/29-RG59	73	Flexible	Solid Polyethylene	21.1	0.242	10.5	2,300	Braid
RG-59B	/29-RG59	75	Flexible	Solid Polyethylene	20.6	0.242	9.0	2,300	Braid
RG-62/A/B	/30-RG62	93	Flexible	Airspace Polyethylene	13.5	0.242	8.0	750	Braid
RG-63/A/B	/31-RG63	125	Flexible	Airspace Polyethylene	10.0	0.405	5.5	1,000	Braid
RG-65/A	/34-RG65	950	Flexible	Airspace Polyethylene	44.0	0.405	16.0 @5MHz	1,000	Braid
RG-71/A/B	/90-RG71	93	Flexible	Airspace Polyethylene	13.5	0.245	8.0	1000	Braid
RG-79/A/B	/31-RG79	125	Flexible	Airspace Polyethylene	10.0	0.436	5.5	1,000	Braid
RG-83		35	Flexible	Solid Polyethylene	44.0	0.405	9.0	2,000	Braid
RG-88		48	Flexible	Rubber-E	50.0	0.515	0.7 @1MHz	10,000	Braid
RG-108/A	/45-RG108	78	Flexible	Solid Polyethylene	19.7	0.235	2.8 @10MHz	1,000	Braid
RG-111/A	/15-RG111	95	Flexible	Solid Polyethylene	16.3	0.478	10.5	1,000	Braid
RG-114/A	/47-RG114	185	Flexible	Airspace Polyethylene	6.5	0.405	8.5	1,000	Braid
RG-119	/52-RG119	50	Flexible	Teflon	29.4	0.465	3.8	6,000	Braid
RG-120	/52-RG120	50	Flexible	Teflon	29.4	0.523	3.8	6,000	Braid
RG-122	/54-RG122	50	Flexible	Solid Polyethylene	30.8	0.16	18.0	1,900	Braid
RG-130	/56-RG130	95	Flexible	Solid Polyethylene	16.3	0.625	8.8	3,000	Braid
RG-131	/56-RG131	95	Flexible	Solid Polyethylene	16.3	0.683	8.8	3,000	Braid
RG-133/A	/100-RG133	95	Flexible	Solid Polyethylene	16.3	0.405	5.7	4,000	Braid
RG-141/A		50	Flexible	Teflon	29.4	0.19	9.0	1,900	Braid
RG-142/A/B	/60-RG142	50	Flexible	Teflon	29.4	0.195	9.0	1,900	Braid
RG-144	/62-RG144	75	Flexible	Teflon	19.5	0.41	4.5	5,000	Braid
RG-164	/64-RG164	75	Flexible	Solid Polyethylene	20.6	0.87	2.8	10,000	Braid
RG-165	/65-RG165	50	Flexible	Teflon	29.4	0.41	5.0	2,500	Braid
RG-166	/65-RG166	50	Flexible	Teflon	29.4	0.46	5.0	2,500	Braid
RG-174		50	Flexible	Solid Polyethylene	30.5	0.11	19.0	1,100	Braid

RG-177	/67-RG177	50	Flexible	Solid Polyethylene	30.8	0.895	2.8	11,000	Braid
RG-178/A/B	/93-RG178	50	Flexible	Teflon	29.4	0.072	29.0	1,000	Braid
RG-179	/94-RG179	70	Flexible	Teflon	19.5	0.1	21.0	1,200	Braid
RG-179A/B	/94-RG179	75	Flexible	Teflon	19.5	0.1	21.0	1,200	Braid
RG-180	/95-RG180	93	Flexible	Teflon	15.4	0.14	17.0	1,500	Braid
RG-180A/B	/95-RG180	95	Flexible	Teflon	15.4	0.14	17.0	1,500	Braid
RG-210	/97-RG210	93	Flexible	Airspace Polyethylene	13.5	0.242	8.0	1000	Braid
RG-211/A	/72-RG211	50	Flexible	Teflon	29.4	0.73	2.3	7,000	Braid
RG-212	/73-RG212	50	Flexible	Solid Polyethylene	30.8	0.332	6.5	3,000	Braid
RG-213	/74-RG213	50	Flexible	Solid Polyethylene	30.8	0.405	5.5	5,000	Braid
RG-214	/75-RG214	50	Flexible	Solid Polyethylene	30.8	0.425	5.5	5,000	Double Braid
RG-215	/74-RG215	50	Flexible	Solid Polyethylene	30.8	0.463	5.5	5,000	Braid
RG-216	/77-RG216	75	Flexible	Solid Polyethylene	20.6	0.425	5.2	5,000	Braid
RG-217	/78-RG217	50	Flexible	Solid Polyethylene	30.8	0.545	4.3	7,000	Braid
RG-218	/79-RG218	50	Flexible	Solid Polyethylene	30.8	0.87	2.5	11,000	Braid
RG-219	/79-RG219	50	Flexible	Solid Polyethylene	30.8	0.945	2.5	11,000	Braid
RG-223	/84-RG223	50	Flexible	Solid Polyethylene	19.8	0.211	8.8	1,900	Double Braid
RG-302	/110-RG302	75	Flexible	Teflon	19.5	0.201	8.0	2,300	Braid
RG-303	/111-RG303	50	Flexible	Teflon	29.4	0.17	9.0	1,900	Braid
RG-304	/112-RG304	50	Flexible	Teflon	29.4	0.28	6.0	3,000	Braid
RG-307/A	/116-RG307	75	Flexible	Foam Polyethylene	16.9	0.27	7.5	1,000	Braid
RG-316	/113-RG316	50	Flexible	Teflon	29.4	0.102	20.0	1,200	Braid
RG-391	/126-RG391	72	Flexible	Solid Polyethylene	23.0	0.405	15.0	5,000	Braid
RG-392	/126-RG392	72	Flexible	Solid Polyethylene	23.0	0.475	15.0	5,000	Braid
RG-393	/127-RG393	50	Flexible	Teflon	29.4	0.39	5.0	5,000	Braid
RG-400	/128-RG400	50	Flexible	Teflon	29.4	0.195	9.6	1,900	Braid
RG-401	/129-RG401	50	Semi-Rigid	Teflon	29.4	0.25	4.6	3,000	Copper Tube
RG-402	/130-RG402	50	Semi-Rigid	Teflon	29.4	0.141	7.2	2,500	Copper Tube
RG-403	/131-RG403	50	Flexible	Teflon	29.4	0.116	29.0	1,000	Braid
RG-405	/133-RG405	50	Semi-Rigid	Teflon	29.4	0.087	13.0	1,500	Copper Tube

[Low Loss \(LMR\) Cables](#)

Cable Designation	MIL-W-17 Spec	Impedance ( $\Omega$ )	Type	Dielectric Material	Capacitance (pF/ft)	O.D. (inches)	dB/100 ft @ 450 MHz	Vmax (rms)	Shield Construction
LMR-100A		50	Flexible	Solid Polyethylene	30.8	0.11	15.8	2,000	Braid
LMR-195		50	Flexible	Foam Polyethylene	25.6	0.195	7.8	3,000	Braid
LMR-200		50	Flexible	Foam Polyethylene	24.5	0.2	7.0	3,000	Braid
LMR-240		50	Flexible	Foam Polyethylene	24.2	0.24	5.3	5,000	Braid
LMR-300		50	Flexible	Foam Polyethylene	23.9	0.3	4.2	5,000	Braid
LMR-400		50	Flexible	Foam Polyethylene	23.9	0.4	2.7	8,000	Braid
LMR-500		50	Flexible	Foam Polyethylene	23.6	0.5	2.2	8,000	Braid
LMR-600		50	Flexible	Foam Polyethylene	23.4	0.6	1.7	8000	Braid
LMR-900		50	Flexible	Foam Polyethylene	23.4	0.87	1.2	8000	Braid
LMR-1200		50	Flexible	Foam Polyethylene	23.1	1.2	0.9	8000	Braid
LMR-1700		50	Flexible	Foam Polyethylene	22.8	1.67	0.6	8000	Braid

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Manufacturer Cable	MIL-W-17 Spec	Impedance ( $\Omega$ )	Type	Dielectric Material	Capacitance (pF/ft)	O.D. (inches)	dB/100 ft @400 MHz	Vmax (rms)	Shield Construction
Belden 1152A		75	Flexible	Teflon	16.5	0.273	4.6	300	Braid
Belden 1426A		75	Flexible	Foam Polyethylene	16.3	0.242	5.0	300	Braid
Belden 1505A		75	Flexible	Foam Polyethylene	16.3	0.233	4.4 @ 360MHz	300	Braid
Belden 1506		75	Flexible	Solid Polyethylene	16.1	0.133	5.25 @ 360MHz	300	Braid
Belden 1855		75	Flexible	Foam Polyethylene	16.3	0.159	6.2 @ 360MHz	300	Braid
Belden 1865A		75	Flexible	Foam Polyethylene	16.5	0.15	8.2 @ 360MHz	300	Braid
Belden 735A1		75	Flexible	Foam Polyethylene	17.7	0.129	7.8 @ 200MHz	300	Braid
Belden 7806A		50	Flexible	Foam Polyethylene	24.3	0.195	7.1 @ 450MHz	300	Braid
Belden 7807A		50	Flexible	Foam Polyethylene	23.5	0.195	6.5	300	Braid
Belden 82108		75	Flexible	Teflon	16.5	0.202	5.9	300	Braid
Belden 8232A		75	Flexible	Foam Polyethylene	16.2	0.315	4.8 @ 360 MHz	300	Braid
Belden 8241		75	Flexible	Solid Polyethylene	20.5	0.24	7.0	300	Braid

Belden 8263	MIL-C-17D	75	Flexible	Solid Polyethylene	19.0	0.241	7.0	150	Braid
Belden 8279		75	Flexible	Solid Polyethylene	21.0	0.22	8.0 @ 360 MHZ	2300 *	Braid
Belden 8281		75	Flexible	Solid Polyethylene	21.0	0.305	5.1 @ 360 MHZ	2900 *	Braid
Belden 88240		53	Flexible	Teflon	26.4	0.159	9.7	300	Braid
Belden 89248		75	Flexible	Teflon	16.5	0.222	4.5	300	Braid
Belden 89907		50	Flexible	Teflon	25.4	0.16	9.2	300	Braid
Belden 9100		75	Flexible	Teflon	16.2	0.237	4.9	300	Braid
Belden 9104		75	Flexible	Solid Polyethylene	16.2	0.144	4.9	300	Braid
Belden 9209		75	Flexible	Solid Polyethylene	21.0	0.222	6.55 @360MHZ	2300 *	Braid
Belden 9221		75	Flexible	Foam Polyethylene	17.3	0.097	15.5	30	Braid
Belden 9258		50	Flexible	Teflon	24.8	0.242	6.6	300	Braid
Belden 9290		75	Flexible	Teflon	16.8	0.288	5.0	300	Braid
Belden 9907		50	Flexible	Foam Polyethylene	25.4	0.185	8.9	300	Braid
Belden 9913		50	Flexible	Solid Polyethylene	24.6	0.405	2.6	600 *	Braid
Belden 9914		50	Flexible	Foam Polyethylene	24.8	0.403	2.6	300 *	Braid

\* not UL rating