

Cable type	P/N	Mfr or Brand	Imp Ω	VF	Center conductor inch	Dielec -tric	Cap. (pf/ ft)	Shield	Jacket	OD in	Power Kw @ 10 MHz*	Power Kw @ 150 MHz*	lb per K ft
RG8	102	CQ Flexi 4XL	50	0.84	19/23 bc	sspe	24	AL/tc	TPE	.405	4.3	1.0	98
RG8	103A	DRF "Bury-Flex"™	50	0.82	19/23 bc	mcfpe	24.6	AL/tc	IIIA	.405	4.0	1.0	88
RG8	106	CQ "Super 8"	50	0.82	19/23 bc	mcfpe	24.6	AL/tc	TPE	.405	4.0	1.0	88
RG8	1000	CQ original	50	0.85	.109 bccAl	ccfpe	23.9	AL/tc	IIIA	.405	4.0	1.0	88
RG8	9913F7	Belden	50	0.83	7/19 bc	hdfpe	24.6	AL/tc	Belflex	.405	4.0	1.0	94
RG174	100A	TM	50	0.66	.018 bccs	pe	30.8	AL/tc	PVC	.110	.5	.10	9.2
RG58	195	TM	50	0.80	.037 bc	fpe	25.4	AL/tc	PE	.195	.9	.39	21
RG58	200	TM	50	0.83	.044 bc	fpe	24.5	AL/tc	PE	.195	1.2	.45	22
RG58	200db	TM	50	0.83	.044 bc	fpe	24.5	AL/tc	PE	.195	1.5	.45	22
8X	240	TM	50	0.84	.056 bc	fpe	24.2	AL/tc	PE	.240	1.8	.66	34
8X	240db	TM	50	0.84	.056 bc	fpe	24.2	AL/tc	PE	.240	1.8	.66	34
8X	240uf	TM	50	0.84	7str .056 bc	fpe	24.2	AL/tc	TPE	.240	1.5	.55	34
RG8	400	TM	50	0.85	.108 bcAl	fpe	23.9	AL/tc	PE	.405	4	1.47	88
RG8	400db	TM	50	0.85	108 bccAl	fpe	23.9	AL/tc	PE	.405	4	1.47	88
RG8	400uf	TM	50	0.85	7str bc	fpe	23.9	AL/tc	TPE	.405	4	1.22	88
LMR	500	TM	50	0.86	.142 bccAl	fpe	23.6	AL/tc	PE	.500	5.5	1.931	97
LMR	600	TM	50	0.87	.176 bccAl	fpe	23.4	AL/tc	PE	.590	7	2.41	131
LMR	600db	TM	50	0.87	.176 bccAl	fpe	23.4	AL/tc	PE	.590	7	2.41	131
LMR	600uf	TM	50	0.87	7str .176 bc	fpe	23.4	AL/tc	TPE	.590	6	2.00	165
LMR	900db	TM	50	0.87	.262 bc tube	fpe	23.4	AL/tc	PE	.870	10	3.89	266
LMR	1200db	TM	50	0.88	.349 bc tube	fpe	23.1	AL/tc	PE	1.200	20	5.54	448
LMR	1700db	TM	50	0.89	.527 bc tube	fpe	22.8	AL/tc	PE	1.670	40	8.75	736
8X	115	CQ MINI-8	50	0.78	19/29 bc	mcfpe	28	bc	PVC	.242	1.8	.66	41
8X	116	CQ MINI-8 IIA	50	0.78	19/29 bc	mcfpe	28	bc	TPE	.242	1.8	.66	41
8X	117	CQ MINI-8 Marine/Mobile	50	0.72	19/29 bc	dfpp	29.1	tc	PVC IIA	.242	1.9	.72	45
8X	118	CQ MINI-8 Lo-Loss	50	0.84	19/29 bc	mcfpe	24.5	AL/tc	TPE	.242	1.5	.66	42
RG11A/U	121	Mil Spec	75	0.66	7/26 bc	pe	20.6	bc	PVC IIA	.405	2.8	1.1	92
58	124	CQ "Bazooka"	50	0.66	.032 bccs	pe	28.8	tc	IIIA	.195	1.5	.450	29
RG58/U	125	Mil Spec	53.5	0.66	.032 bc	pe	28.8	tc	PVC	.195	1.1	.450	28
RG58A	126	Mil Spec	52	0.66	19/32 bc	pe	29.6	tc	PVC	.195	1.1	..450	29
RG58C	127	Mil Spec	50	0.66	19/32 bc	pe	30.8	tc	IIA	195	1.2	..450	29
58	129FF	CQ 58 Lo-Loss	52	0.78	19/32 bc	mcfpe	24.6	AL/tc	TPE	.195	1.2	.700	29
RG59B/U	135	Mil Spec	75	0.66	.023 bccs	pe	26.5	bc	PVC IIA	.242	1.4	..400	34
RG62A/U	141	Mil Spec	93	0.84	.0253 bccs	sspe	13.5	bc	PVC IIA	0.242	1.4	.500	38
RG83/U	165	Mil Spec	35	0.66	.102 bc	pe	44	bc	PVC IIA	0.405	4	1.8	122
RG142B/U	153	Mil Spec	50	0.695	.037 sccs	ptfe	29	sc/sc	IX	0.195	9	3.6	36
RG174A/U	139	Mil Spec	50	0.66	7/.0063 ccs	pe	30.8	tc	IIA	0.100	.180	.080	8
RG174/U	140	Mil Spec	50	0.66	7/.0063 ccs	pe	30.8	tc	I	0.100	.180	.080	8
RG178B/U	157	Mil Spec	50	0.695	7/.004 sccs	ptfe	29	sc	IX	0.072	.75	.400	6
RG188/U	159	Mil Spec	50	0.695	7/.0067sccs	ptfe	29	sc	IX	0.105	1.3	.650	17
RG213/U	113	Mil Spec	50	0.66	7/.0296 bc	pe	30.8	bc	IIA	0.405	3.7	.800	100

Cable type	P/N	Mfr or Brand	Imp Ω	VF	Center conductor inch	Dielec -tric	Cap. (pf/ ft)	Shield	Jacket	OD in	Power Kw @ 10 MHz*	Power Kw @ 150 MHz*	lb per K ft
RG213/U	113C	Commercial	50	0.66	7/.0296 bc	pe	30.8	bc	I	0.405	3.7	.800	100
RG213/U	CQ 113 PE	CQ Rugged, Direct bury	50	0.66	7/.0296 bc	pe	30.8	bc	IIIA	0.405	4	.800.	100
RG214/U	111	Mil Spec	50	0.66	7/.0296 sc	pe	30.8	sc/sc	IIA	0.425	3.7	.800	125
RG214/U	112	Commercial	50	0.66	7/.0296 tc	pe	30.8	tc/tc	I	0.425	3.7	.800	125
RG217/U	142	Mil Spec	50	0.66	.106 bc	pe	30.8	bc/bc	IIA	0.545	6	1.1	202
Flex 217	142A	CQ HD Flex 217	50	0.66	7/.038 bc	pe	30.8	bc/bc	IIA	0.545	6	1.1	202
RG223/U	143	Mil Spec	50	0.66	.035 sc	pe	29.4	sc/sc	IIA	0.211	.8	.210	36
RG303/U	154	Mil Spec	50	0.695	.039 sccs	ptfe	29.4	sc	IX	0.170	2	2	30
RG316/U	160	Mil Spec	50	0.695	7/.0067sccs	ptfe	29.4	sc	IX	0.102	1.25	350	12
RG393/U	150	Mil Spec	50	0.695	7/.0312sc	ptfe	29.4	sc/sc	IX	0.390	25	6	165
RG400/U	149	Mil Spec	50	0.695	19/0077 bc	ptfe	29.4	sc/sc	IX	0.195	9	2	50

*Recommended Peak Power@1:1 SWR

Legend: bc= bare copper; tc= tinned copper; sc= silvered copper; css= copper-clad steel; ccAL= copper-clad aluminum; sspe= semi-solid polyethylene; mcf= microcell foam; ccf= closed cell foam; hdfpe= high density foam polyethylene; dfpp=dense foam polypropylene;ptfe=teflon type; PVC=polyvinylchloride; I=Class 1;IIA=Class 2PVC (non-contaminating); IIIA= Class 3; TPE= thermoplastic elastomer; TPR= thermoplastic rubber; IX= Class 9 teflon type (ptfe)