



Aluminum 8000Series PV Wire 600V

Conductor Size (AWG/kcmil)	Conductor Stranding	Nominal Conductor O.D.		Minimum Insulation	Average Thickness	Nominal Cable Diameter		Aluminum Weight		Net Weight	
		(in)	(mm)	(in)	(mm)	(in)	(mm)	/MFT (lb)	/km (Kg)	/MFT (lb)	/km (Kg)
8 AWG - 1000 kcmil CONDUCTORS											
8	7/.0486	0.134	3.40	0.080	2.03	0.298	7.57	16	23	49	73
6	7/.0612	0.169	4.29	0.080	2.03	0.333	8.46	25	37	64	95
4	7/.0772	0.213	5.41	0.080	2.03	0.377	9.58	39	58	85	127
2	7/.0974	0.268	6.81	0.080	2.03	0.432	10.97	63	93	117	174
1	19/.0664	0.299	7.59	0.095	2.41	0.495	12.57	79	117	153	227
1/0	19/.0745	0.336	8.53	0.095	2.41	0.532	13.51	99	148	180	268
2/0	19/.0837	0.376	9.55	0.095	2.41	0.572	14.53	125	186	214	318
3/0	19/.0940	0.423	10.74	0.095	2.41	0.619	15.72	158	235	256	380
4/0	19/.1055	0.475	12.07	0.095	2.41	0.671	17.04	199	296	307	456
250	37/.0822	0.520	13.21	0.110	2.79	0.746	18.95	262	390	399	594
300	37/.0900	0.570	14.48	0.110	2.79	0.796	20.22	282	420	430	640
350	37/.0972	0.616	15.65	0.110	2.79	0.842	21.39	329	490	487	725
400	37/.1040	0.659	16.74	0.110	2.79	0.885	22.48	376	560	544	810
500	37/.1159	0.736	18.69	0.110	2.79	0.962	24.43	471	701	656	977
600	61/.0992	0.813	20.65	0.125	3.18	1.069	27.15	565	841	798	1187
750	61/.1109	0.908	23.06	0.125	3.18	1.164	29.57	706	1051	963	1433
1000	61/.1280	1.060	26.92	0.125	3.18	1.316	33.43	914	1360	1210	1801

Dimensions and weights are nominal; subject to industry tolerances.  
 \* Non-stock item; minimum runs apply. Please contact Customer Service for price and delivery.



Copper Conductor PV Wire 600V

Conductor Size (AWG/kcmil)	Stranding	Nominal Conductor O.D.		Minimum Average Insulation Thickness		Nominal Cable Diameter		Copper Weight		Net Weight	
		(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb/MFT)	(Kg/km)	(lb/MFT)	(Kg/km)
18	19/.0092	0.045	1.14	0.060	1.52	0.169	4.29	5	7	14	21
16	19/.0117	0.056	1.42	0.060	1.52	0.180	4.57	8	12	18	27
14	19/.0142	0.07	1.78	0.060	1.52	0.194	4.93	13	19	27	40
12	19/.0185	0.088	2.23	0.060	1.52	0.214	5.43	20	30	36	54
10	19/.0234	0.112	2.84	0.060	1.52	0.238	6.04	32	48	51	76
8	19/.0295	0.143	3.63	0.080	2.03	0.307	7.80	50	74	85	126
6	19/.0372	0.184	4.67	0.080	2.03	0.348	8.84	81	121	123	183
4	19/.0469	0.234	5.94	0.080	2.03	0.398	10.11	129	192	180	268
2	19/.0526	0.296	7.52	0.080	2.03	0.460	11.68	205	305	267	397
1	19/.0664	0.323	8.2	0.095	2.41	0.515	13.08	258	384	333	495
1/0	19/.0740	0.37	9.4	0.095	2.41	0.563	14.30	326	485	410	610
2/0	19/.0837	0.41	10.41	0.095	2.41	0.608	15.44	411	611	502	747
3/0	19/.0940	0.46	11.68	0.095	2.41	0.658	16.71	518	771	620	922
4/0	19/.1055	0.52	13.21	0.095	2.41	0.714	18.13	653	972	767	1141
250	37/.0822	0.558	14.17	0.110	2.79	0.784	19.91	772	1149	923	1374
300	37/.0900	0.611	15.52	0.110	2.79	0.837	21.26	926	1378	1090	1622
350	37/.0972	0.661	16.79	0.110	2.79	0.887	22.53	1063	1582	1240	1845
400	37/.1040	0.706	17.93	0.110	2.79	0.932	23.67	1235	1838	1423	2117
500	37/.1159	0.789	20.04	0.110	2.79	1.015	25.78	1509	2246	1718	2557
600	61/.0992	0.866	22.00	0.125	3.18	1.122	28.50	1883	2802	2136	3179
750	61/.1109	0.968	24.59	0.125	3.18	1.224	31.09	2316	3447	2597	3865
1000	61/.1280	1.117	28.37	0.125	3.18	1.373	34.87	3088	4595	3411	5076