

MV CoveredAerialCable-ICEAS-97-682

5kV CoveredAerial Cable -2 Layer -AAc Conductor

Siz e	Stra ndin g	Cover Thick ness		Cab le O.D .		Rate d Stren gth		Total Weig ht				Amp acity
								XLP E		HD PE		
AW G/ Kc mil	n	mils	mm	mils	mm	lbs	kN	lbs/ 1000 f	kg/ km	lbs/ 100 of	kg/k m	A
4	7	80	2.03	385	9.78	793	4	72	104	73	106	135
2	7	80	2.03	443	11.25	1210	5	102	148	104	151	180
1	19	80	2.03	482	12.24	1570	7	121	175	123	178	210
1/0	19	80	2.03	522	13.26	1940	9	146	211	148	214	240
2/0	19	80	2.03	565	14.35	2400	11	176	255	179	259	275
3/0	19	80	2.03	616	15.65	2980	13	215	311	218	316	320
4/0	19	80	2.03	672	17.07	3620	16	263	381	266	385	370
250	37	80	2.03	718	18.24	4420	20	300	434	304	440	410
266 .8	19	80	2.03	734	18.64	4470	20	322	466	325	471	425
300	37	80	2.03	771	19.58	5300	24	353	511	356	516	455
336 .4	37	80	2.03	807	20.5	5790	26	391	566	395	572	490
350	37	80	2.03	821	20.85	6080	27	406	588	409	592	505
477	37	80	2.03	931	23.65	7820	35	536	776	541	783	610
500	37	80	2.03	950	24.13	8200	36	560	811	565	818	625

5kV Covered Aerial Cable-2 Layer-ACSR Conductor

Size	Stranding	Cover Thickness		Cable O.D.		Rated Strength		Total Weight				Ampacity
								XLPE		HD PE		
AWG/ Kcmil	n	mils	mm	mils	mm	lbs	kN	lbs/ 100 ft	kg/km	lbs/ 100 ft	kg/km	A
4	6/1	80	2.03	410	10.41	1770	8	94	136	96	139	135
2	6/1	80	2.03	476	12.09	2710	12	137	198	139	201	180
1	6/1	80	2.03	514	13.06	3370	15	166	240	168	243	205
1/0	6/1	80	2.03	558	14.17	4160	19	202	293	205	297	230
2/0	6/1	80	2.03	607	15.42	5040	22	247	358	250	362	265
3/0	6/1	80	2.03	662	16.81	6290	28	303	439	307	445	305
4/0	6/1	80	2.03	723	18.36	7930	35	374	542	378	547	345
266.8	18/1	80	2.03	769	19.53	6540	29	372	539	376	545	430
266.8	26/7	80	2.03	802	20.37	10700	48	449	650	453	656	440
336.4	18/1	80	2.03	844	21.44	8250	37	458	663	463	671	500
336.4	26/7	80	2.03	880	22.35	13400	60	555	804	559	810	510
397.5	18/1	80	2.03	903	22.94	9440	42	534	773	539	781	555

15kV Covered Aerial Cable -2 Layer-AAC Conductor

Size	Stran ding	Cable O.D.		Cover Thickness				Cable O.D.		Total Weight	
				Inner Layer		Outer Layer					
AWG/ Kcmil	n	mils	mm	mils	mm	mils	mm	mil s	mm	lbs/ 100 Of	kg/km
4	7	225	5.72	75	1.91	75	1.91	525	13.34	114	169.65
2	7	283	7.19	75	1.91	75	1.91	583	14.81	150	223.23
1/0	7	336	8.53	75	1.91	75	1.91	636	16.15	196	291.69
2/0	7	376	9.55	75	1.91	75	1.91	676	17.17	230	342.29
3/0	7	423	10.74	75	1.91	75	1.91	723	18.36	272	404.79
4/0	7	475	12.07	75	1.91	75	1.91	775	19.69	325	483.67
266.8	19	537	13.64	75	1.91	75	1.91	837	21.26	387	575.93
336.4	19	603	15.32	75	1.91	75	1.91	903	22.94	466	693.5
397.5	19	659	16.74	75	1.91	75	1.91	959	24.36	535	796.19
477	19	722	18.34	75	1.91	75	1.91	1022	25.96	623	927.15
556.5	37	780	19.81	75	1.91	75	1.91	1080	27.43	708	1053.65
636	37	835	21.21	75	1.91	75	1.91	1135	28.83	794	1181.63
795	37	932	23.67	80	2.03	80	2.03	1252	31.8	980	1458.44

15kV CoveredAerial Cable -2 Layer-AAC Conductor

Size	Stranding	Cable O.D.		Cover Thickness						Cable O.D.		Total Weight	
				Conductor Shield		Inner Layer		Outer Layer					
AWG/ Kcmil	n	mils	mm	mils	mm	mils	mm	mils	mm	mils	mm	lbs/ 100 Of	kg/k m
4	7	225	5.72	15	0.38	75	1.91	75	1.91	555	14.1	125	186
2	7	283	7.19	15	0.38	75	1.91	75	1.91	613	15.57	161	240
1/0	7	336	8.53	15	0.38	75	1.91	75	1.91	666	16.92	210	313
2/0	7	376	9.55	15	0.38	75	1.91	75	1.91	706	17.93	246	366
3/0	7	423	10.74	15	0.38	75	1.91	75	1.91	753	19.13	289	430
4/0	7	475	12.07	15	0.38	75	1.91	75	1.91	805	20.45	343	510
266.8	19	537	13.64	15	0.38	75	1.91	75	1.91	867	22.02	406	604
336.4	19	603	15.32	15	0.38	75	1.91	75	1.91	933	23.7	487	725
397.5	19	659	16.74	15	0.38	75	1.91	75	1.91	989	25.12	558	830
477	19	722	18.34	15	0.38	75	1.91	75	1.91	1052	26.72	647	963
556.5	37	780	19.81	15	0.38	75	1.91	75	1.91	1110	28.19	734	1092
636	37	835	21.21	20	0.51	80	2.03	80	2.03	1195	30.35	846	1259
795	37	932	23.67	20	0.51	80	2.03	80	2.03	1292	32.82	1020	1518

25kV Covered Aerial Cable -3 Layer-AAC Conductor

Size	Str an din g	Cable O.D.		Cover Thickness						Cable O.D.		Total Weight	
				Conductor Shield		Inner Layer		Outer Layer					
AWG/ Kcmil	n	mils	mm	mil s	mm	mils	mm	mils	mm	mils	mm	lbs/ 100 Of	kg/km
2	7	283	7.19	15	0.38	125	3.18	125	3.18	813	20.65	253	377
1/0	7	336	8.53	15	0.38	125	3.18	125	3.18	866	22	309	460
2/0	7	376	9.55	15	0.38	125	3.18	125	3.18	906	23.01	350	521
3/0	7	423	10.74	15	0.38	125	3.18	125	3.18	953	24.21	400	595
4/0	7	475	12.07	15	0.38	125	3.18	125	3.18	1005	25.53	460	685
266.8	19	537	13.64	15	0.38	125	3.18	125	3.18	1067	27.1	531	790
336.4	19	603	15.32	15	0.38	125	3.18	125	3.18	1133	28.78	621	924
397.5	19	659	16.74	15	0.38	125	3.18	125	3.18	1189	30.2	698	1039
477	19	722	18.34	20	0.51	125	3.18	125	3.18	1262	32.05	806	1199
556.5	37	780	19.81	20	0.51	125	3.18	125	3.18	1320	33.53	899	1338
636	37	835	21.21	20	0.51	125	3.18	125	3.18	1375	34.93	995	1481
795	37	932	23.67	20	0.51	125	3.18	125	3.18	1472	37.39	1181	1758

35kV Covered Aerial Cable -3 Layer-AAC Conductor

Size	Str an din g	Cable O.D.		Cover Thickness						Cable O.D.		Total Weight	
				Conducto r Shield		Inner Layer		Outer Layer					
AW G/ Kc mil	n	mils	mm	mil s	mm	mils	mm	mils	mm	mils	mm	lbs/ 100 Of	kg/k m
1/0	7	336	8.53	15	0.38	175	4.45	125	3.18	966	24.54	368	548
2/0	7	376	9.55	15	0.38	175	4.45	125	3.18	1006	25.55	411	612
3/0	7	423	10.74	15	0.38	175	4.45	125	3.18	1053	26.75	464	691
4/0	7	475	12.07	15	0.38	175	4.45	125	3.18	1105	28.07	527	784
266. 8	19	537	13.64	15	0.38	175	4.45	125	3.18	1167	29.64	603	897
336. 4	19	603	15.32	15	0.38	175	4.45	125	3.18	1233	31.32	696	103 6
397. 5	19	659	16.74	15	0.38	176	4.47	125	3.18	1289	32.74	777	115 6
477	19	722	18.34	20	0.51	175	4.45	125	3.18	1362	34.59	889	132 3
556. 5	37	780	19.81	20	0.51	175	4.45	125	3.18	1420	36.07	987	146 9
636	37	835	21.21	20	0.51	175	4.45	125	3.18	1475	37.47	108 5	161 5
795	37	932	23.67	20	0.51	175	4.45	125	3.18	1572	39.93	127 8	190 2

46kV Covered Aerial Cable -3 Layer-AAC Conductor

Size	Str an din g	Cable O.D.		Cover Thickness						Cable O.D.		Total Weight	
				Conductor Shield		Inner Layer		Outer Layer					
AWG/ Kcmil	n	mils	mm	mils	mm	mils	mm	mils	mm	mils	mm	lbs/ 1000f	kg/km
1/0	7	336	8.53	15	0.38	225	5.72	175	4.45	1166	29.62	506	753
2/0	7	376	9.55	15	0.38	225	5.72	175	4.45	1206	30.63	554	824
3/0	7	423	10.74	15	0.38	225	5.72	175	4.45	1253	31.83	613	912
4/0	7	475	12.07	15	0.38	225	5.72	175	4.45	1305	33.15	683	1016
266.8	19	537	13.64	15	0.38	225	5.72	175	4.45	1367	34.72	767	1141
336.4	19	603	15.32	15	0.38	225	5.72	175	4.45	1433	36.4	869	1293
397.5	19	659	16.74	15	0.38	225	5.72	176	4.47	1489	37.82	957	1424
477	19	722	18.34	20	0.51	225	5.72	175	4.45	1562	39.67	1078	1604
556.5	37	780	19.81	20	0.51	225	5.72	175	4.45	1620	41.15	1183	1761
636	37	835	21.21	20	0.51	225	5.72	175	4.45	1675	42.55	1289	1918
795	37	932	23.67	20	0.51	225	5.72	175	4.45	1772	45.01	1494	2223