



Voltage

600V or less

Construction

Sino-cables type covered line wire(ASTM) is manufactured with aluminum alloy 1350-H19, 6201-T81, or ACSR conductors insulated with low density PE, or high density PE or XLPE.

Standard

ASTM B230, B231, B232, B399, B498, [or other standards required by customers.](#)

Applications

Sino cables type covered line wire(ASTM) is primarily designed for use on overhead secondary distribution lines. Covered Line Wire is not an electrically insulated conductor and is treated as a bare conductor when installed. The insulation provides protection against circuit interruption due to weather.

Package

coil, steel/wooden reel, wooden reel or steel reel.



www.sino-cables.com

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Code Word	Size	No of Wires	Insulation Thickness	Nominal Diameter		Rated Strength	Nominal Weight				Ampacity
				in			lbs/1000'				
	AWG or Kcmil			Bare	O.D.		Aluminum	Total			
						LDPE		HDPE	XLPE		
AAC											
Plum	6	7	30	0.184	0.244	563	24.6	34.04	34.45	34.45	100
Apricot	4	7	30	0.225	0.285	881	39.1	50.78	51.28	51.29	135
Peach	2	7	45	0.292	0.382	1350	62.2	84.73	85.71	85.71	180
Nectanne	1	7	45	0.332	0.452	1740	78.4	112.43	113.91	113.91	210
Quince	1/0	7	60	0.368	0.488	1990	99.1	136.88	138.52	138.52	240
Haw	1/0	19	60	0.373	0.493	2160	99.1	137.41	139.07	139.07	240
Orange	2/0	7	60	0.464	0.584	2510	125	173.3	175.4	175.4	280
Ironwood	2/0	19	60	0.419	0.539	2670	125	168.27	170.15	170.15	280
Fig	3/0	7	60	0.522	0.642	3035	157	212.03	214.41	214.41	320
Lemon	3/0	19	60	0.470	0.590	3310	157	205.98	208.11	208.11	320
Olive	4/0	7	60	0.522	0.642	3810	199	254.03	256.41	256.41	370
Pomegranate	4/0	19	60	0.528	0.648	4020	199	254.74	257.16	257.16	370
Sassafras	250	19	60	0.574	0.694	4505	234.3	295.59	298.25	298.25	420
Mulberry	266.8	19	60	0.575	0.695	4810	250.1	311.52	314.18	314.18	430
Basswood	300	19	60	0.628	0.748	5300	282	350.04	352.99	352.99	478
Anona	336.4	19	60	0.666	0.786	5945	315.5	388.43	391.59	391.59	495
Chinquapin	350	19	60	0.678	0.798	6150	328	402.5	405.73	405.73	525
Molles	397.5	19	80	0.724	0.884	6885	373	475.28	479.71	479.71	550
Sumac	450	37	80	0.772	0.932	8200	422	532.06	536.83	536.83	600
Huckleberry	477	37	80	0.795	0.955	8400	447	560.85	565.79	565.79	810
AAAC											
Maple	6	7	30	0.198	0.258	1110	28.5	40	41	41	78
Hornbeam	4	7	30	0.25	0.31	1760	45.4	60	61	61.9	145
Linden	2	7	45	0.316	0.406	2800	72.2	99	99	100	190
Oilnut	1/0	7	60	0.348	0.468	4460	114.9	160	166	166	250
Waterash	2/0	7	60	0.447	0.567	5390	144.9	196	203	203	290
Shellbark	3/0	7	60	0.502	0.622	6790	182.5	241	249	249	335
Planetree	4/0	7	60	0.563	0.683	8560	230.2	298	307	307	385
ACSR											
Walnut	6	6/1	30	0.198	0.258	1190	24.5	47	48	48	105
Butternut	4	6/1	30	0.25	0.31	1860	39	72	72	73	135
Hickory	4	7/1	30	0.257	0.317	2360	39	81	82	83	135
Pignut	2	6/1	45	0.316	0.406	2850	62	118	119	120	180
Beech	2	7/1	45	0.329	0.419	3640	62	134	134	136	180
Chestnut	1	6/1	45	0.525	0.445	3550	78.2	146	147	148	210
Almond	1/0	6/1	60	0.398	0.518	4380	98.6	190	191	193	235
Pecan	2/0	6/1	60	0.447	0.567	5300	124.3	234	235	235	290
Filbert	3/0	6/1	60	0.502	0.622	6620	156.8	289	291	294	305
Buckeye	4/0	8/1	60	0.563	0.683	8350	197.7	357	360	363	345
Hackberry	266.8	18/1	60	0.609	0.729	6880	250.4	353	355	359	356

*All values are nominal and subject to correction.