

Little Rock **Virginia Beach**
800-945-5542 **757-361-0207**

Baton Rouge **Las Vegas**
888-754-5707 **702-696-0001**

Houston **Kentucky**
888-388-6280 **859-727-6100**



www.prioritywire.com

COVERED LINE WIRE ALUMINUM CONDUCTOR

Applications: Used primarily for overhead secondary distribution lines. Not an electrically insulated conductor and is treated as bare conductor when installed. **Construction:** Conductors are aluminum alloy 1350-H19, 6201-T81, or ACSR conductors, concentrically stranded and covered for weather proofing with polyethylene, high density polyethylene (HD) or cross linked polyethylene (XLP).

Specifications: Covered Line Wire meets or exceeds the following ASTM specifications:

B-230 Aluminum Wire, 1350-H19 for electrical purposes.

B-231 Aluminum conductors, Concentric-Lay-Stranded.

B-232 Aluminum conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).

B-399 Concentric-Lay-Stranded, 6201-T81 Aluminum

Code Word	Size AWG or MCM	Strand	Insulation Thickness (MLS)	Outside Diameter (in.)	Rated Strength (lbs)	Weight		*Ampacity (AMPS) XLP
						XLP	POLY	
COVERED LINE WIRE- ALUMINUM CONDUCTOR ACSR								
Walnut	6	6/1	30	.258	1131	49	47	105
Butternut	4	6/1	30	.303	1760	171.8	70.0	135
Hickory	4	7/1	30	.309	2240	81.6	79.8	135
Pignut	2	6/1	45	.397	2710	118.1	114.8	180
Beech	2	7/1	45	.405	3460	134.1	130.7	180
Chesnut	1	6/1	45	.434	3370	145.5	141.8	210
Almond	1/0	6/1	60	.506	4160	190.4	184.9	235
Pecan	2/0	6/1	60	.554	5040	234.2	227.9	270
Filbert	3/0	6/1	60	.607	6290	288.5	281.4	305
Buckeye	4/0	6/1	60	.666	7930	365.5	348.5	345
Hackberry	266.8	18/1	60	.711	6540	354.8	346.8	435

*NOTE: The code words as given apply to conventional polyethylene line wire. Available in 500 R coils, or long lengths on reels. The data is approximate and subject to normal manufacturing tolerances. For 6201, aluminum conductors diameter equivalent to ACSR construction or 1350 aluminum equivalent. Ampacity ratings based on 75°C conductor temperature 25° C ambient temperature elevation- sea level. Emissivity 0.91 coefficient of absorption 0.95. Thermal resistivity of covering -375° C-Cm2/watt-CM. Wind speed 2ft./sec in sun.

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COVERED LINE WIRE ALUMINUM CONDUCTOR CONTINUED ...

Code Word	Size AWG or MCM	Strand	Insulation Thickness (MLS)	Outside Diameter (in.)	Rated Strength (lbs)	Weight		*Ampacity (AMPS) XLP
						XLP	POLY	
COVERED LINE WIRE- ALUMINUM CONDUCTOR AAC								
Apple	6	Solid	30	.222	445	33.0	32.0	105
Pear	4	Solid	30	.264	675	48.5	47.3	135
Apricot	4	7/w	30	.285	790	51.5	50.8	140
Peach	2	7/w	45	.373	1220	87.1	84.0	180
Quince	1/0	7/w	60	.477	1790	140.7	135.6	240
Orange	2/0	7/w	60	.522	2260	171.9	166.2	280
FIG	3/0	7/w	60	.570	2740	210.5	204.0	320
Olive	4/0	7/w	60	.626	3450	248.7	251.4	370
Pomegranate	4/0	19/w	60	.632	3620	254.8	247.9	370
Mulberry	266.8	19/w	60	.692	4470	313.5	305.8	430
Anona	336.4	19/w	60	.766	5535	387.6	378.8	495
Molles	397.5	19/w	75	.852	6400	469.2	457.4	545
Huckleberry	477.0	37w	75	.921	7820	550.0	537.5	610
Paw Paw	556.5	37/w	75	.982	8950	633.0	619.4	670
Breadfruit	636.0	61/w	95	1.080	10510	742.6	724.7	720
Persimmon	795.0	61/w	95	1.187	12900	910.0	890.0	825
Grapefruit	1033.5	61/w	95	1.327	16500	1156.7	1133.8	970
COVERED LINE WIRE-ALUMINUM CONDUCTOR ALLOY 6201-T81								
Hornbean	4	7/w	30	.310	1480	62.1	60.1	145
Linden	2	7/w	45	.406	2520	96.1	93.3	190
Oilnut	1/0	7/w	60	.518	4010	166.1	160.0	250
Waterash	2/0	7/w	60	.567	4850	203.3	196.4	290
Shellbark	3/0	7/w	60	.622	6110	249.4	241.4	335
Planetree	4/0	7/w	60	.683	7700	307.3	298.1	385

*NOTE: The code words as given apply to conventional polyethylene line wire. Available in 500 R coils, or long lengths on reels. The data is approximate and subject to normal manufacturing tolerances. For 6201, aluminum conductors diameter equivalent to ACSR construction or 1350 aluminum equivalent. Ampacity ratings based on 75°C conductor temperature 25° C ambient temperature elevation- sea level. Emissivity 0.91 coefficient of absorption 0.95. Thermal resistivity of covering -375° C-Cm2/watt-CM. Wind speed 2ft./sec in sun.

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