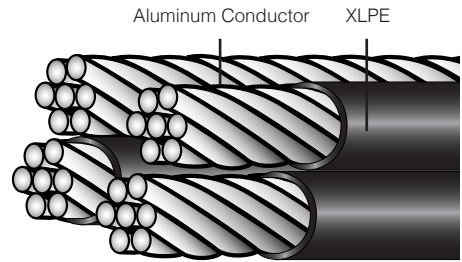


# Aluminum Secondary Distribution



## QUADRUPLEX SERVICE DROP CABLE

Concentric Lay  
Aluminum 1350 Wire  
Bare Neutral

Code Name	Phase Conductor			Bare Neutral Messenger			Weight/kft. (lbs.)		Allowable Ampacities*	
	Size	Stranding	Covering Thickness	Size	Stranding	Rated Strength (lbs.)	Poly	XLP	Poly	XLP
Quadruplex Service Drop – AAC Neutral Messenger										
Clydesdale	4	1	45	4	7	881	198	199	80	100
Pinto	4	7	45	4	7	881	211	218	80	100
Mustang	2	7	45	2	7	1350	312	318	105	135
Criollo	1/0	19	60	1/0	7	1990	505	520	140	180
Percheron	2/0	19	60	2/0	7	2510	622	639	160	205
Hanovarian	3/0	19	60	3/0	19	3310	750	761	185	235
Oldenburg	4/0	19	60	4/0	19	4020	928	941	210	275
Lippizaner	336.4	19	80	336.4	19	6146	1519	1519	370	280
Quadruplex Service Drop – ACSR Neutral Messenger										
Morochuca	6	1	45	6	6/1	1190	145	147	60	75
Chola	6	7	45	6	6/1	1190	153	158	60	75
Morgan	4	1	45	4	6/1	1860	217	219	80	100
Hackney	4	7	45	4	6/1	1860	229	236	80	100
Palomino	2	7	45	2	6/1	2850	346	355	105	135
Costena	1/0	19	60	1/0	6/1	4380	551	566	140	180
Grullo	2/0	19	60	2/0	6/1	5310	680	697	160	205
Suffolk	3/0	19	60	3/0	6/1	6620	824	835	185	235
Appaloosa	4/0	19	60	4/0	6/1	8350	1042	1063	210	275
Gelding	336.4	19	80	4/0	6/1	8350	1494	1548	240	330
Bronco	336.4	19	80	336.4	6/1	8580	1568	1613	240	330
Quadruplex Service Drop – 6201 Alloy Neutral Messenger										
Bay	6	1	45	6	7	1110	137	137	60	75
French Coach	6	7	45	6	7	110	146	146	60	75
German Coach	4	1	45	4	7	1760	205	205	80	100
Arabian	4	7	45	4	7	1760	217	217	80	100
Belgian	2	7	45	2	7	2800	328	328	105	135
Shetland	1/0	19	60	1/0	7	4460	519	519	140	180
Thoroughbred	2/0	19	60	2/0	7	5390	639	639	160	205
Trotter	3/0	19	60	3/0	7	6790	789	789	185	235
Walking	4/0	19	60	4/0	7	8560	977	977	210	275

\* Ampacity based on 40°C ambient temperature, crosswind at 2ft/s, and no sun.

- All drawings, designs, specifications, plans and particulars of weights, sizes and dimensions contained in the technical or commercial documentation of Houston Wire & Cable Company is indicative only and shall not be binding on Houston Wire & Cable Company or be treated as constituting a representation on the part of Houston Wire & Cable Company. All data subject to change without notice.

**APPLICATION:**

This quadruplexed cable is suited for use as drop cable from a pole mounted transformer to the service entrance of a structure, or as secondary distribution between poles. The cable should be limited to 600V phase to phase and not exceed 90°C.

**CONSTRUCTION:**

Three insulated phase conductors twisted around a bare aluminum alloy or ACSR neutral conductor.

*Conductors:* Aluminum alloy 1350-H19 wire.

*Insulation:* Black thermoset cross-linked polyethylene (XLPE).

*Neutral:* Bare aluminum alloy or ACSR

**ADDITIONAL STANDARDS:**

- ASTM B-230: Aluminum 1350-H19 wire for electrical purposes.
- ASTM B-231: Concentric lay stranded aluminum 1350 conductors.
- ICEA S-76-474: Neutral supported power cable assemblies with weather resistant extruded insulation rated at 600V.