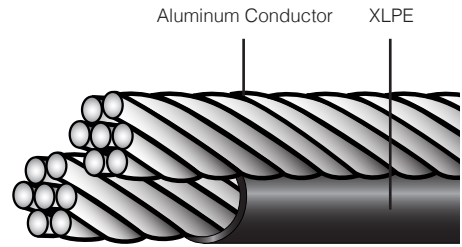


Aluminum Secondary Distribution



DUPLEX SERVICE DROP CABLE (600V)

**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
Duplex Service Drop – AAC Neutral Messenger										
Pekingese	6	1	45	6	7	563	61	62	70	85
Collie	6	7	45	6	7	563	64	66	70	85
Dachshund	4	1	45	4	7	881	92	94	90	115
Spaniel	4	7	45	4	7	881	96	99	90	115
Doberman	2	7	45	2	7	1350	147	149	120	150
Malemute	1/0	19	60	1/0	7	1990	234	237	160	205
Duplex Service Drop – ACSR Neutral Messenger										
Setter	6	1	45	6	6/1	1190	63	64	70	85
Shepherd	6	7	45	6	6/1	1190	75	77	70	85
Eskimo	4	1	45	4	6/1	1860	110	112	90	115
Terrier	4	7	45	4	6/1	1860	115	117	90	115
Chow	2	7	45	2	6/1	2850	176	178	120	150
Bull	1/0	19	60	1/0	6/1	4380	280	282	160	205
Duplex Service Drop – 6201 Alloy Neutral Messenger										
Chihuahua	6	1	45	6	7	1110	63	64	70	85
Vizsla	6	7	45	6	7	1110	66	67	70	85
Harrier	4	1	45	4	7	1760	99	100	90	115
Whippet	4	7	45	4	7	1760	101	102	90	115
Schnauzer	2	7	45	2	7	2800	157	159	120	150
Heeler	1/0	19	60	1/0	7	4460	250	252	160	205

* 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 duplexed 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:

One 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.
- ASTM B-232: Concentric lay stranded aluminum conductors coated-steel reinforced

Secondary Service Drop