



AAC, ACSR, and AAAC Service Drop Quadruplex

Product Description

Three stranded all aluminum conductors covered with HMW or cross-linked (XLP) polyethylene twisted around a bare ACSR conductor.

Application

Used in the overhead transmission of power from pole to building weatherhead.

Product Data

AAC Neutral-Messenger

Code Word	Phase Conductor			Bare Neutral Messenger			Weight Per 1000 ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Covering Thickness (mils.)	Size (AWG)	Stranding	Rated Strength (lbs.)	POLY	XLP	POLY	XLP
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

ACSR Neutral-Messenger

Code Word	Phase Conductor			Bare Neutral Messenger			Weight Per 1000 ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Covering Thickness (mils.)	Size (AWG)	Stranding	Rated Strength (lbs.)	POLY	XLP	POLY	XLP
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
Standardbred	1/0	7	60	1/0	6/1	4380	557	573	---	---
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

6201 Alloy Neutral Messenger

Code Word	Phase Conductor			Bare Neutral Messenger			Weight Per 1000 ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Covering Thickness (mils.)	ACSR Equivalent (AWG)	Stranding	Rated Strength (lbs.)	POLY	XLP	POLY	XLP
Bay	6	1	45	6	7	1110	137	137	60	75
French Coach	6	7	45	6	7	1110	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

+Conductor temperature of 90°C for XLP, 75°C for Poly; ambient temperature of 40°C; emissivity 0.9; 2 ft./sec. wind in sun.

*Manufactured with pride in DeKalb, IL USA.

Specification Data

ASTM B-230	Aluminum 1350-H19 wire for electrical purposes
ASTM B-231	Concentric-lay-stranded aluminum 1350 conductors
ASTM B-232	Concentric-lay-stranded aluminum conductors, coated-steel reinforced (ACSR)
ASTM D-1248	Polyethylene plastics molding and extrusion materials
ANSI C-8.35	Specifications for weather-resistant polyethylene-covered wire and cable
ICEA S-61-402	
NEMA PUB NO. WC 5	Standards publication thermoplastic insulated wire and cable for the transmission and distribution of electrical energy

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