



American Standard

Quadruplex 600/1000V ABC – Service Drop Cable to IECA-S-76-474

Used to supply 3-phase power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 600 volts phase-to-phase or less and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for crosslinked polyethylene (XLP) insulated conductors.

Conductors are concentrically stranded, compressed 1350-H19 aluminum. Insulated with either polyethylene or crosslinked polyethylene (XLP). Neutral messengers are concentrically stranded 6201, AAC, or ACSR. Conductors are manufactured with ridges for phase identification (one conductor one ridge, one conductor two ridges, one conductor plain.)

Code Name	Phase conductor				Bare Neutral Message		Nominal Weight (kg/km)			Allowable Ampacity
	Size & No.of wires	Insulation Thick(mm)	Nominal Diameter (mm)		Size & No.of wires	Rated Strength (kg)	XLPE	Aluminum	Total	(A)
			Bare	OD						

AAC Bare Neutral Wire Supported

Bay	6-Solid	1.143	4.115	6.401	6/7	503.485	63	155	217	78
French-conch	6/7	1.143	4.674	6.96	6/7	503.485	71	155	226	78
Cerman-conch	4-Solid	1.143	5.182	7.468	4/7	798.318	79	247	324	103
Arabian	4/7	1.143	5.893	8.179	4/7	784.711	89	247	336	103



Belgain	2/7	1.143	7.417	9.703	2/7	1270.052	115	391	506	136
Saddle	1/19	1.524	8.433	11.481	2/7	1270.052	171	466	637	158
Plow	1/0-7	1.524	9.347	12.395	1/0-7	2023.011	192	624	814	182
Sherland	1/0-19	1.524	9.474	12.522	1/0-7	2023.011	193	624	817	182
Dapple-grey	2/0-7	1.524	10.516	13.564	2/0-7	2444.85	217	786	1005	210
Thoroughbred	2/0-19	1.524	10.643	13.691	2/0-7	2444.85	220	786	1007	210
Dobbin	3/0-7	1.524	11.786	14.834	3/0-7	3079.876	249	991	1238	242
Trotter	3/0-19	1.524	11.938	14.986	3/0-7	3079.876	251	991	1243	242
Pony	4/0-7	1.524	13.259	16.307	4/0-7	3882.73	286	1250	1534	279
Walking	4/0-19	1.524	13.411	16.459	4/0-7	3882.73	289	1250	1539	279
ACSR Bare Neutral Wire Supported										
Morochuca	6-Solid	1.143	4.115	6.401	6-6/1	533.722	63	149	229	78
Chola	6/7	1.143	4.674	6.96	6-6/1	533.722	71	149	237	78
Morgan	4-Solid	1.143	5.182	7.468	6-6/1	843.677	79	238	344	103
Hackney	4/7	1.143	5.893	8.179	6-6/1	843.677	90	238	356	103
Palomino	2/7	1.143	7.417	9.703	6-6/1	1292.732	115	377	557	136
Albino	1/19	1.524	8.433	11.481	6-6/1	1610.245	171	473	699	158
Standardbred	1/0-7	1.524	9.347	12.395	1/0-6/1	1986.724	192	598	859	182
Costena	1/0-19	1.524	9.474	12.522	1/0-6/1	1986.724	193	598	862	182



Chicoteagues	2/0-7	1.524	10.516	13.564	2/0-6/1	2404.027	217	753	1060	210
Grullo	2/0-19	1.524	10.643	13.691	2/0-6/1	2404.027	220	753	1063	210
mare	3/0-7	1.524	11.786	14.834	3/0-6/1	3002.766	249	951	1308	242
Suffolk	3/0-19	1.524	11.938	14.986	3/0-6/1	3002.766	251	951	1313	242
Stallion	4/0-7	1.524	13.259	16.307	4/0-6/1	3787.474	286	1198	1622	279
Appaloosa	4/0-19	1.524	13.411	16.459	4/0-6/1	3787.474	289	1198	1627	279

AAC Bare Neutral Wire Supported

Quarter	6-Solid	1.143	4.115	6.401	6/7	255.371	63	149	211	78
Clydesdale	4-Solid	1.143	5.182	7.468	4/7	399.613	79	237	315	103
Pinto	4/7	1.143	5.893	8.179	4/7	399.613	89	237	326	136
Mustang	2/7	1.143	7.417	9.703	2/7	612.347	115	377	491	158
Shire	1/19	1.524	8.443	11.481	1/19	743.888	171	475	646	158
Libyan	1/0-7	1.524	9.347	12.395	1/0-7	902.644	192	598	790	182
Criollo	1/0-19	1.524	9.474	12.522	1/0-19	902.644	193	598	793	182
Orloff	2/0-7	1.524	10.516	13.564	2/0-7	1138.511	217	754	973	210
Peroheron	2/0-19	1.524	10.643	13.691	2/0-19	1138.511	220	754	976	210
Mongolian	3/0-7	1.524	11.786	14.834	3/0-7	1378.914	249	951	1199	242
Hanoverian	3/0-19	1.524	11.938	14.986	3/0-19	1378.914	251	951	1204	242
Singlefoot	4/0-7	1.524	13.259	16.307	4/0-7	1737.25	286	1199	1485	279



Oldenburg	4/0-19	1.524	13.411	16.459	4/0-19	1737.25	289	1199	1490	279
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