



Quadruplex Overhead Service Drop Cable

Product Details

Applications

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 cross-linked polyethylene (XLPE) insulated conductors.

Specification

Quadruplex service drop cable 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 Alloy Conductors.
- ICEA S-76-474-Neutral-supported Power Cable Assemblies With Weather-Resistant Extruded Insulation Rated 600Volts

Standard Specification

Code Name	Phase conductor				Bare Neutral Message		Nominal Weight (kg/km)			Ampacity
	Size & No.of wires	Insulation Thick(mm)	Nominal Dia.(mm)		Size & No.of wires	Rated Strength (kg)	XLPE	Al	Total	Amps
			Bare	OD						
AAAC										
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	6.960	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	2444.850	217	786	1005	210
Thoroughbred	2/0-19	1.524	10.643	13.691	2/0-7	2444.850	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	3882.730	286	1250	1534	279

Walking	4/0-19	1.524	13.411	16.459	4/0-7	3882.730	289	1250	1539	279
ACSR										
Morochuca	6-Solid	1.143	4.115	6.401	6-6/1	539.722	63	149	229	78
Chola	6-7	1.143	4.674	6.96	6-6/1	539.722	71	149	237	78
Morgan	4-Solid	1.143	5.182	7.468	4-6/1	843.677	79	238	344	103
Hackney	4-7	1.143	5.893	8.179	4-6/1	843.677	90	238	356	103
Palomino	2-7	1.143	7.417	9.703	2-6/1	1292.732	115	377	557	136
Albino	1-19	1.524	8.433	11.481	1-6/1	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	3787.477	286	1198	1622	279
Appaloosa	4/0-19	1.524	13.411	16.459	4/0-6/1	3787.477	289	1198	1627	279

AAC

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	8.433	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