



Duplex Overhead Service Drop Cable

Product Details

Applications

Primarily used for 120 volt overhead service applications such as street lighting, outdoor lighting, and temporary service for construction. 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

Duplex 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)			Allowable Ampacity (A)
	Size & No. of wires	Insulation Thick(mm)	Nominal Dia.(mm)		Size & No. of wires	Rated Strength (kg)	XLPE	AI	Total	
			Bare	OD						
AAC										
Pekingese	6-Solid	1.14	4.1	6.4	6-7	255	20.8	72.9	94	78
Collie	6-7	1.14	4.6	6.9	6-7	255	23.8	72.9	97	78
Cocker	6-7	1.52	4.6	7.7	6-7	255	32.7	72.9	106	78
Dachshund	4-Solid	1.14	5.2	7.5	6-7	400	26.8	114.6	141	103
Spaniel	4-7	1.14	5.9	8.2	6-7	400	29.8	116.1	146	103
Cairn	4-7	1.52	5.9	8.9	6-7	400	40.2	116.1	156	103
Doberman	2-7	1.14	7.4	9.7	2-7	612	38.7	184.5	223	136
Airedale	1-19	1.52	8.4	11.5	1-7	—	56.5	233.6	290	158
Basset	1/0-7	1.52	9.3	12.4	1/0-7	903	64	294.7	359	182
Malemure	1/0-19	1.52	9.4	12.5	1/0-7	903	64	294.7	359	182

AAAC										
Chihuahua	6-Solid	1.14	4.1	6.4	6-7	499	20.8	72.9	94	78
Vlzsia	6-7	1.14	4.6	6.9	6-7	499	23.8	72.9	97	78
Harrier	4-Solid	1.14	5.2	7.5	4-7	798	26.8	116.1	143	103
Whippet	4-7	1.14	5.9	8.2	4-7	798	29.8	116.1	146	103
Schnauzer	2-7	1.14	7.4	9.7	2-7	1270	39.7	184.5	223	136
Afghan	1/0-7	1.52	9.3	12.4	1/0-7	2023	64	296.1	360	182
Hocler	1/0-19	1.52	9.4	12.5	1/0-7	2023	64	296.1	360	182
ACSR										
Setter	6-Solid	1.14	4.1	6.4	6/6/01	540	20.8	72.9	94	78
Shepherd	6-7	1.14	4.6	6.9	6/6/01	540	23.8	72.9	97	78
Retriever	6-7	1.52	4.6	7.7	6/6/01	540	32.7	72.9	106	78
Eskimo	4-Solid	1.14	5.2	7.5	4/6/01	844	26.8	114.6	141	103
Terrier	4-7	1.14	5.9	8.2	4/6/01	844	29.8	116.1	146	103
Yorkshirc	4-7	1.52	5.9	8.9	4/6/01	844	40.2	116.1	156	103
Chow	2-7	1.14	7.4	9.7	2/6/01	1293	38.7	184.5	223	136
Labrador	1-19	1.52	8.4	11.5	1/6/01	1610	56.5	233.6	290	158
Bloodhound	1/0-7	1.52	9.3	12.4	1/0-6/1	1987	64	294.7	359	182
Bull	1/0-19	1.52	9.4	12.5	1/0-6/1	1987	64	294.7	359	182