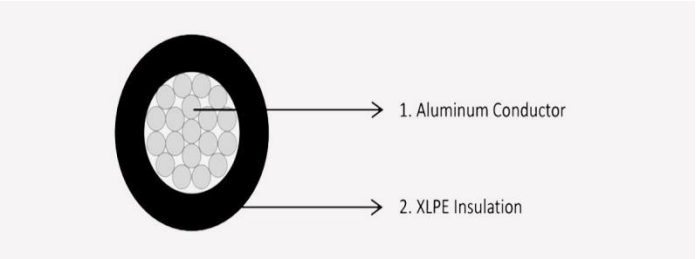
Product Specifications

600V COVERED LINE CONDUCTOR

Standard

- IEC60502
- NF C 33-209
- ICEA S-70-547
- ICEA S-76-474



Application

- Aerial Bundle Cable used in overhead power system mainly for public distribution or service as a service drop wire. It offers higher level of safety and reliability and lower power losses than bare conductors.
- Voltage Rating of aerial bundled cables is mainly U0/U(Um)0.6/1kV(1.2kV) or 600V (phase to phase).
- All the cables are insulated with weather-resistant XLPE, PE or PVC compounds. Normal service conductor temperature rating is of 70°C, 75°C or 90°C, etc.

Features

- ABC cable offers higher level of safety and reliability and lower power losses than bare conductors.
- Other important cable characteristics are ultraviolet radiation resistance, high dielectric strength, light and easy to handle

Product Specifications

Aluminum Conductor Steel-reinforced Covered Line Wire- ICEA S-70-547										
Code	Size	Nominal Cross Section	Conductor			Insulation Nominal Thickness	Approx. overall dia.	Approx. weight	20℃DC resistance	Rated tensile strength
			Single wire		Strands					
			No.	Dia.	Dia.					
	AWG/kcmil	mm^2	Nos	mm	mm	mm	mm	kg/km	Ω/km	daN
Plum	6	13.29	7	1.55	4.65	0.76	6.17	49	2.1692	249
Apricot	4	21.16	7	1.96	5.38	0.76	6.90	72	1.3624	396
Peach	2	33.61	7	2.47	6.78	1.14	9.06	120	0.8577	597
Nectarine	1	42.39	7	2.78	7.63	1.52	10.67	159	0.6801	732
Quince	1/0	53.48	7	3.12	8.56	1.52	11.60	194	0.539	873
Haw	1/0	53.48	19	1.89	8.65	1.52	11.69	194	0.539	873
Orange	2/0	67.42	7	3.5	9.61	1.52	12.65	237	0.4276	1100
Ironwood	2/0	67.42	19	2.13	9.74	1.52	12.78	238	0.4276	1100
Fig	3/0	85.03	7	3.93	10.79	1.52	13.83	291	0.339	1347
Lemon	3/0	85.03	19	2.39	10.93	1.52	13.97	292	0.339	1347
Olive	4/0	107.23	7	4.42	12.13	1.52	15.17	358	0.2688	1698
Pomegranate	4/0	107.23	19	2.68	12.26	1.52	15.30	359	0.2688	1698
Sassafras	250	126.71	19	2.91	13.31	2.00	17.31	442	0.2275	2007
Mulberry	266.8	135.16	19	3.01	13.77	2.00	17.77	468	0.2133	2141
Basswood	300	152.00	19	3.19	14.59	2.00	18.59	519	0.1896	403