

Quick Details

Packaging & Delivery

Packaging Details:

Aerial cable with XLPE insulated AAAC neutral conductor on standard cable drum or in rolls

Delivery Detail:

depend on order quantity of Aerial cable with XLPE insulated

Aerial cable with XLPE insulated AAAC neutral conductor

Application-

Aerial Cable has characters of power-transmitting and strong mechanical. In comparison with bare wire, aerial bundled cable (ABC cable) boasts many advantages, such as: small span in laying, higher safe reliability, better atmosphere aging resistance property. It has the priority to be used in urban and rural power-transmitting construction project.

Executive standard:

GB12527-90 1Kv Aerial insulation cable (According to IEC502,IEC227 Standard);

Insulation- PVC or XLPE

Working conditions aerial insulation power cable

1) Rated voltage: 1kV

2) The tallest working temperature of the cable conductor; XLPE insulation cable: 90°C;

HDPE insulation cable: 75°C;

3)During having a short (lasting less than 5 seconds) the maximum temperature;

XLPE insulated cables is 250°C;

HDPE insulated cable is 150°C

4)During the cable lying, the ambient temperature must be above-20°C

5) Bending radius allowance of the cable;

A)1kV aerial insulation power cable:

It should be no less than 4D for the cable with outer diameter less than 25mm;

It should be no less than 6D for the cable with outer diameter of 25mm or more;

B) 10kV aerial insulation power cable:

Single core cable: 20 (D+d)±5%mm;

Multi-core cable:15 (D+d)±%mm

Formula inside: D-Actual cable outer diameter;

d-Actual conductor outer diameter

Diameter and weight of 10 kV 1-core light type insulate aerial cable

Nominal Area(mm ²)	Reference diameter	Approximate weight(kg/km)			
		JKYJ/Q	JKLYJ/Q	JKY/Q	JKLY/Q
25	13.0	312	157	313	158
35	14.0	411	194	412	195
50	15.3	557	247	559	249
70	17.0	760	326	761	327
95	18.8	1008	419	1010	421
120	20.2	1246	502	1248	504
150	21.8	1530	600	1532	604
185	23.4	1859	712	1861	7156
240	25.6	2373	885	2375	889
300	27.8	2929	1069	2932	1072