

## Product Description:



**Nominal Voltage:** 50/66KV, 64/66KV, 64/110KV, 127/220KV, 290/550KV

**Conductor** □ Plain circular compacted copper or aluminum conductor for  $\leq 800\text{mm}^2$ , compacted milkier copper or aluminum conductor with separator tape for  $\geq 800\text{mm}^2$

**Conductor-screen** □ Helically applied semi-conductive tape  $\geq 500\text{mm}^2$ , Extruded semi-conductive cross linked polyethylene

**Insulation:** Extruded super clean cross-linked polyethylene

**Insulation-screen:** Extruded bonded semi-conductive cross linked polyethylene

**Block water buffering layer:** Helically applied swellable tape

**Metallic sheath:** Longitudinally applied, Lead sheath; the metallic sheathed is capable of carrying required short circuit current

**Armored type:** Steel Wire Armored

**Asphalt:** Black asphalt coating

**Jacket and Graphite:** Extruded polyethylene or polyvinyl chloride, Graphite coating on the outer jacket.

**Conductor nominal cross section area:** 240~3000sqmm

**Max. operating temperature:** 90°C, 105°C

**Package:** wooden drum or as per requirement

**Product standard:** IEC 60840:1999

## Product characteristics:

The maximum assigned temperature of the cable conductor is 90°C. Short time over current temperature is 105°C.

During having a short circuit, lasting less than 5 seconds, the maximum temperature of the cable conductor shall not be above 250°C.

The minimum bend radius is 25D.

## Product application:

This product is applicable to being fixedly laid on the transmission and distribution line of rated voltages from 66kV up to 500kV with the use for power transmission and distribution.

Laying site for instance in tunnel, pipeline and soil to transport electrical energy. Allow for high fall or vertical installation.

## Product parameter: (more details please email us: [info@himakecable.com](mailto:info@himakecable.com) )

(mm <sup>2</sup> ) Cross-sectional of conductor	Conductor diameter (mm)	Insulated thickness (mm)	AL sheath thickness (mm)	Sheath thickness (mm)	Cable diameter (mm)	Weight of cable (kg/km)
400	23.8	27	2.4	5	116	14342
500	26.6	27	2.4	5	119	15629
630	30	26	2.4	5	121	16946
800	33.8	25	2.4	5	123	19069
1000	38.7	24	2.6	5	126	20970
1200	42.4	24	2.6	5	129	23270
1400	45.8	24	2.6	5	133	25525

1600	49	24	2.6	5	136	27774
1800	51.9	24	2.6	5	139	30112
2000	54.7	24	2.8	5	142	32383
2500	61.2	24	2.8	5	149	37780

## Product Advantages:

1. The conductor is made of **new pure annealed copper and pure aluminum**, ensuring a good electrical properties and a very good conductivity.





2. We are a very **professional cable manufacturer** with advanced production equipments and strict quality inspection system, ensuring the products complying the standard and customized requirement.

### **Production equipments**



## **Products Quality inspection equipments**





3. We have more than **10 years' export experience** and exported products to **more than 60 countries** over the world with a good reputation internationally.





4. We not only offer **good products** and **good service** to our customers, but also try to **develop our staffs**, offer a good training, good working and living conditions to the staffs.



5. Also we are a company with **highly social responsibility**, often take part in public benefits activities, like tree planting, aiding poor students, green environment activities, etc.



**How to contact us?**



Put your **inquiry details** in **the box below**, and click "**Contact Now**".