

## Product Description



**Conductor structure:** The conductor consists of hard drawn Aluminum wires stranded in successive layers in opposite direction and the outer layer is right hand direction Z

**Package:** Coils, Wooden drum or as per requirement

**Properties:** High tensile strength, Long life, Light weight, Suitable for high as well as extra high overhead voltage lines

**Standard:** IEC 61089, GB/T 1179, ASTM B231, BS215 part 1, CSA C49, DIN 48201

## Service Performance:

(1) The permissible long-time operating temperature for aerial conductor is 70C.

(2) Under the circumstance that rare climate is occurring and ice coverage rate low in heavy ice area, the biggest stress of cable at the lowest point of the sag should not exceed 60% of the short-time destructive power.

(3) When connecting conductors, the conductor beside the connecting tube can't be prominent. Otherwise, the force on the operating conductors will be unbalanced. After connectors are install, the connecting tube should be painted by moisture-proof varnish in order to protect it from corrosion.

(4) Under installation, the arc downing stress of all the conductors should be the same. Within the permissible distance of crossing buildings or dropping to the ground, the stress can be 10-15% higher than regular stress.

## Product application:

Used as bare overhead transmission cable and as primary and secondary distribution cable.

## Product parameter:

Nominal area (mm <sup>2</sup> )	Strand and Wire diameter (mm)	Calculated Section Area (mm <sup>2</sup> )	Approx. Overall Diameter (mm)	D.C. Resistance Not Exceed (Ohm/KM)	Calculated breaking load (kg/km)	Calculated weight (kg/km)	Delivery length (meter)
16	7/1.70	15.89	5.10	1.802	2840	43.5	4000
50	7/3.00	49.48	9.00	0.5786	7930	135.5	1500
120	19/2.85	121.21	14.25	0.2373	19420	333.5	1500
400	37/3.70	397.83	25.90	0.07247	61150	1097	1000

## Product Advantages:

1. The conductor is made of **new 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?**





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