

## Product Description



**Conductor structure:** The conductor consists of Aluminum Magnesium-Silicon alloy wires stranded in successive layers in opposite direction and the outer layer is right hand direction Z, Natural grease may be applied between the layers of AAAC except the outer layer.

**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:** ASTM B399, DIN 48201, BS EN 50182, IEC 61089, CSA C49

## 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:

AAAC bare conductors are used for primary and secondary overhead power transmission lines having long spans and high resistance to corrosion.

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

Code name	Cross section (mm <sup>2</sup> )	Strand and Wire diameter (inch)	Approx. Overall Diameter (mm)	Approx. weight (lb/1000ft)	Rated strength (KN)	Max. D.C. Resistance 20°C (Ohm/KM)
Akron	15.5	7/0.0661	5.04	28.52	4.92	2.159
Alton	24.7	7/0.0834	6.36	45.40	7.83	1.356
Ames	39.2	7/0.1052	8.01	72.24	12.4	0.8547
Azusa	62.4	7/0.1327	10.11	114.90	18.9	0.5365
Anaheim	78.6	7/0.1490	11.34	144.90	23.8	0.4264
Amherst	99.3	7/0.1672	12.75	182.50	30.0	0.3373

## Product Advantages:

1. The conductor is made of **good quality aluminum alloy wires**, ensuring a good electrical properties and a very good conductivity and high tension.



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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