



ACSR AAC Aluminum Conductors Electric Cable With High Tensile Strength

Our Product Introduction

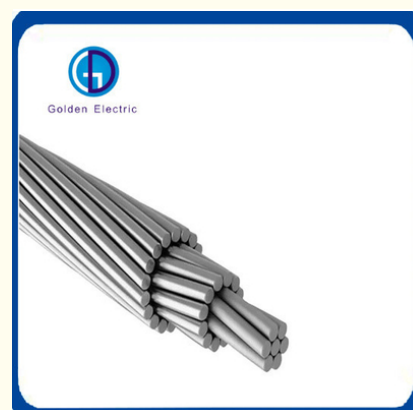
Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months
Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month



Product Specification

- Product Name: Bara Aluminium Conductors
- Manufactory: Application:State Grid,Power Station
- Standard: IEC/ GB/ ASTM /BS /DIN
- Export Markets: Global Market
- Length: Customized
- Voltage: 1kv~33kv
- Package: Wooden Drum,Steel Drum Or As Your Requirement
- Conductor: Alulminum
- Keywords: AAAC ACSR Conductor
- Transport Package: Ocean Freight Box Packing+Carton+Pallets
- Specification: Different Sizes And Specifications
- Trademark: Golden Electric Or Customize
- Origin: China
- HS Code: 8544609090



More Images



for more products please visit us on chinagoldene.com

Product Description

Company

Profile

GoldenElectricCo., Ltd.

is professional make of Electrical products .Such as distribution box, waterproof plug, socket, wall switch, waterproof plastic ,Aluminum box ,Changeover Switch and disconnecting switch,MC4 Connector.isolator switch.fusebreaker.distribution box,PV combiner box .surge protector, Indicatorlamp,Solar Charge Controller,Industrialplugandsocket,BusbarInsulator,Meter Socket,Wind Turbine, Terminal Block,Solar product and so on. all products comply with IEC, A S/NZS standard. passed CE, IP66, ROHS certificates.at present we have exported to many countries and have serve these customers with professional electrical solution.

Product Description

ACSR AAC AAAC ACCC Conductor is aluminum a conductor manufacturer

1.Application:

Bare conductor (ACSR, ACCC, AAAC, AAC, etc) has been widely used in power transmission lines and electricity distribution lines with various voltage levels, because they have such good characteristics as simple structure, convenient installation and maintenance, low cost large transmission capacity. And they are also suitable for laying across rivers valleys and the places where special geographical features exist.

2.Features:

- a. high tensile strength
- b. better sag properties
- c. economic design
- d. best suited for transmission lines with long spans

3. Working Conditions:

Ambient temperature: Above -20 °C

Working temperature: Not exceed 80 °C

Laying bending radius: Not less than 30 times the cables outer diameter

4. Standards:

We can produce as per the standard of GB, IEC, ASTM,DIN,CSA,JIS and also particularly customize and manufacture according to your special requirement.



Characteristics of the aluminum conductor

AAC / ACSR

1. Good electrical conductivity
2. Sufficient mechanical strength
3. High tensile strength
4. Tower distance can be enlarged

AAAC

1. No power loss
2. High current carrying capacity
3. More High fatigue strength
4. More corrosion resistant

AAAC / ACSR Material

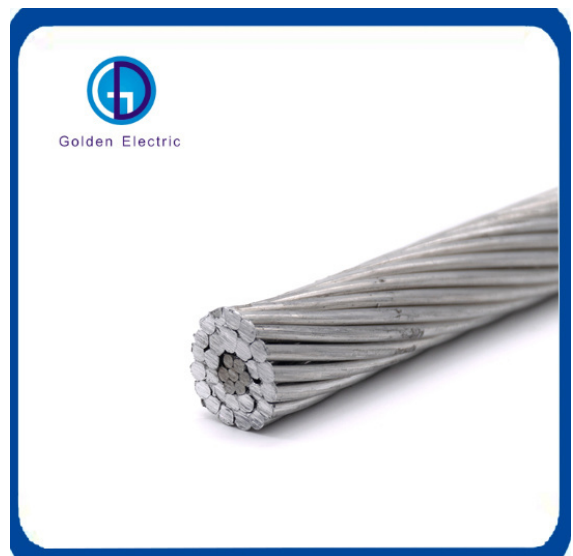
Conductor: AL1350 pure aluminum

Steel core: G1A or G2A steel wire

Zinc coating steel wire

AAAC Material

Aluminum stranded wire: consists of 7, 19, 37, 91, 127 concentric strands Aluminum alloy: heat-treated magnesium silicate high-strength 6201T81 aluminum alloy





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Products Details

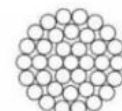
Code Name	Area		Size & Stranding of ACSR		No. and Diameter of Wires	Overall Diameter	Weight	Nominal Breaking Load	Standard Length
	Nominal	Actual	With Equal Diameter	AWG or MCB					
	mm ²	mm ²		AI/Steel	mm	mm	kg/km	kN	m±55
Akron	30.58	15.48	6	6/1	7/1.68	5.04	42.7	4.92	3000
Alton	48.69	24.71	4	6/1	7/2.21	6.35	68	7.84	3000
Ames	77.47	39.22	2	6/1	7/2.67	8.02	108	12.45	2000
Azusa	123.3	62.38	1/0	6/1	7/3.37	10.11	172	18.97	2000
Anaheim	155.4	78.65	2/0	6/1	7/3.78	11.35	217	23.93	3000
Amherst	195.7	99.22	3/0	6/1	7/4.25	12.75	273	30.18	2500
Alliance	246.9	125.1	4/0	6/1	7/4.77	14.31	345	38.05	2000
Butte	312.8	158.6	266.8	26/7	19/3.26	16.30	437	48.76	3000
Canton	394.5	199.9	336.4	26/7	19/3.66	18.30	551	58.91	2500
Cairo	465.4	235.8	397.5	26/7	19/3.98	19.88	650	69.48	2000
Darien	559.5	283.5	477	26/7	19/4.36	21.79	781	83.52	2000
Eign	652.4	330.6	556.5	26/7	19/4.71	23.54	911	97.42	1500
Flint	740.8	375.3	636	26/7	37/3.59	25.18	1035	108.21	3000
Greely	927.2	469.8	795	26/7	37/4.02	28.14	1295	135.47	2500



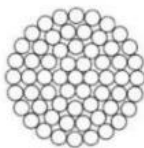
7(1+6)AI



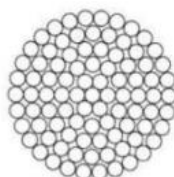
19(1+6+12)AI



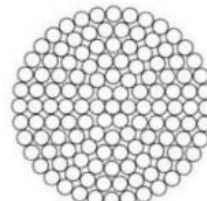
37(1+6+12+18)AI



61(1+6+12+18+24)AI



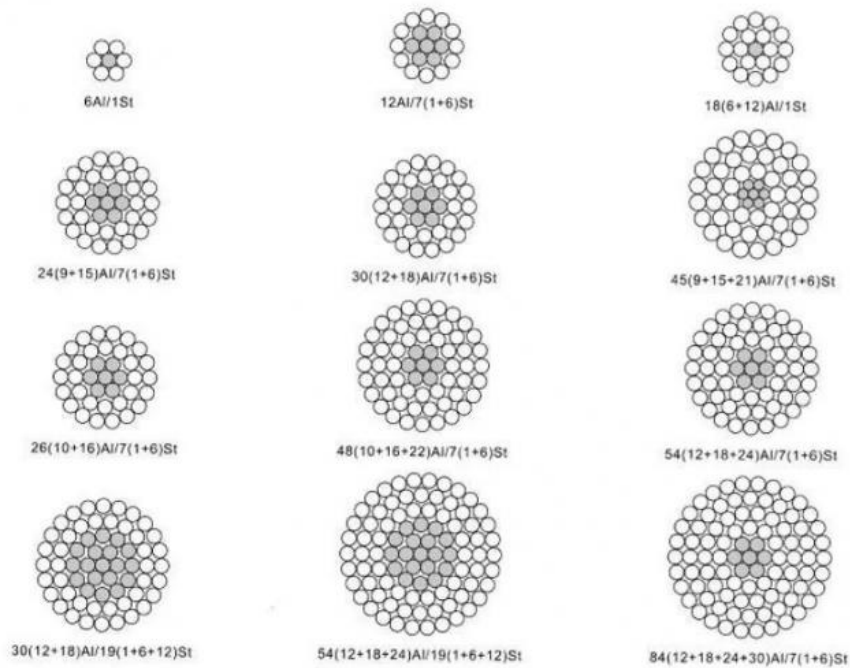
91(1+6+12+18+24+30)AI



127(1+6+12+18+24+30+36)AI

Code Name	Nominal aluminium area	Stranding and wire diameter AI	Steel	Sectional area of aluminium	Total sectional area	Approx overall diameter	Approx mass	Calculated D.C. Resistance at 20°C	Calculated Breaking Load
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	mm²	No./mm		mm²	mm²	mm	kg/km	Ω/km	kN
RABBIT	50	6/3.35	1/3.35	52.88	61.7	10.05	214	0.5426	18.35
DOG	100	6/4.72	7/1.57	105	118.5	14.15	394	0.2733	32.7
WOLF	150	30/2.59	7/2.59	158.1	194.9	18.13	726	0.1828	69.2
DINGO	150	18/3.35	1/3.25	158.7	167.5	16.75	506	0.1815	35.7
LYNX	175	30/2.79	7/2.79	183.4	226.2	19.35	842	0.1576	79.8
ZEBRA	400	54/3.18	7/3.18	428.9	484.5	28.62	1621	0.0674	131.9



AAC overhead conductor DIN 48201

Code Number	Calculated Area	Stranding and Wire Diameter	Overall Diameter	Linear Mass	Calculated Breaking load	Max. D.C. Resistance at 20°C
mm ²	mm ²	mm	mm	Kg/km	daN	Ω/km
16	15.89	7/1.70	5.1	44	290	1.8018
25	24.25	7/2.10	6.3	67	425	1.1808
35	34.36	7/2.50	7.5	94	585	1.8332
50	49.48	7/3.00	9	135	810	0.5786
50	48.36	19/1.80	9	133	860	0.595
70	65.82	19/2.10	10.5	181	1150	0.4371
95	95.27	15/2.50	12.5	256	1595	0.3084
120	117	19/2.80	14	322	1910	0.2459
150	147.1	37/2.25	15.2	406	2570	0.196
185	181.6	37/2.50	17.5	501	3105	0.1587
240	242.54	61/2.25	20.2	670	4015	0.1191
300	299.43	61/2.50	22.5	827	4850	0.0965
400	400.14	61/2.89	26	1105	6190	0.07221

500	499.83	61/3.23	29.1	1381	7600	0.05781
625	626.2	91/2.96	32.6	1733	9690	0.04625
800	802.1	91/3.35	36.8	2219	12055	0.03611
1000	999.71	91/3.74	41.1	2766	14845	0.02897



Products Category



Surface Mounted Waterproof Socket IP55



DC Load Break Isolating Switch



Crimp Copper Lugs and Aluminium Ferrules Bimetal Cable Lug Protection



Circuit Protector with Over Current Protection

Packing & Delivery

Packaging Details : Standard export wooden drum, steel drum or as your requirement

Lead time:

Quantity(meters) 1 - 1000 > 1000

Lead time (days) 10 To be negotiated

Packing:

--100m/Coil with Shrinking Film Wrap, 6 Coils per outer carton.

--100m/Spool, spool can be Paper, Plastic, or ABS, then 3-4 spools per carton,

--200m or 250m per Drum, two drums per carton,

--305m/Wooden Drum, one drum per outer carton or pallet loading,

--500m/Wooden Drum, one drum per outer carton or pallet loading,

--1000m or 3000m wooden drum, then pallet loading.

*We can also offer customized OEM packing according to clients' request.

FAQ

Q1: Are you a factory or trading company

A1: We are a factory, we can guarantee our price is first-hand, very cheap and competitive.

Q2: How does your factory do regarding quality control?

A2: All the products will be 100% checked before the shipment

Q3: When can I get the price?

A3: Usually we quote within 24 hours after we get your inquiry.

Q4: How could I get a sample?

A4: if you can not buy our product in your local area, we will ship a sample to you. You will be charged a sample price plus all related shipping costs. Express delivery charge depends on the quantity of the samples.

Q5: What is the price of shipping?

A5: Depending upon the port of delivery, prices vary.

Any more query please contact with us, thank you!



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