



High Conductivity Stranded Aluminium Wire Power Cables for Electrical Installations

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

- Material Shape: Round Wire
- Range Of Application: Round Wire
- Brand: Industrial
- Voltage: 450/750V
- Conductor: Tinner Copper; CCC; CCA; Pure Copper
- Core Color: Black
- Rated Temperature: 70, 90, 105
- Length: 100m/100y/or As Require
- Number Of Cores: Single Core- Multicores Power Cable
- Sheath: Flexible PVC
- Characteristics: Light Weight, High Conductivity
- Size: Customized Size
- Delivery: 7-12days
- Sample Time: 3-5days
- Current: AC Cable



More Images



for more products please visit us on chinagoldene.com

Product Description

Product Description



Application Features

Use in aerial bundled conductor (ABC) systems for city power grid transmission line.

Operating voltage up to 600/1000 volts. Main for overhead single-phase and three-phase electricity distribution and other purposes. Stable working temperature -10°C to 80°C

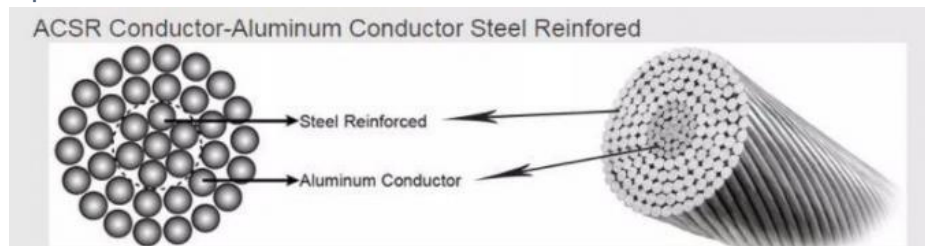
Economical - Good electricity property and cheaper than cooper cables. Flexible - easy to install and work with

distributions and other applications. Safe - prevent electric short circuit and potential risk of fire. Durable - anti UV Radiation and

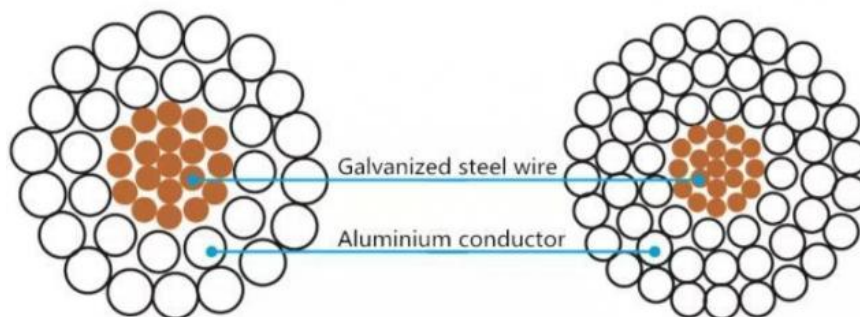
moisture, Corrosion Resistance. Aesthetically pleasing - Good finishing is guaranteed. Adaptable - physical properties and

electricity suits Africa environment and market.

Specifications



Conductor Technical Structure		Unit	Value
Structure	Center: steel wire	Nos./mm	1/2.0
	Layer 1: steel wire		6/2.0
	Layer 2: Aluminum wire		10/2.57
	Layer 3: Aluminum wire		16/2.57
Standard		/	GB/T1179/IEC 61089/ASTM B232 / B232M-2009 / B498
Stranding direction of outer layer		Direction	Right-hand
Conductor diameter		mm	16.28±1%
Cross section		mm ²	156.8±1%
Conductor weight		kg/km	547.8±1%
Rated tensile strength		kN	52
Modulus of Elasticity		GPa	73.9
Coefficient of linear expansion		10-6/°C	18.9
Max. DC Resistance at 20°C		Ohm/ft	0.637
Lay ratio	Aluminum layer	times	16-wire layer 10-14 10-wire layer 10-16
	Steel layer		6-wire layer 18-30



Properties of Aluminum Wire (Before Stranding)

Diameter and tolerance

Min. tensile strength

Min. elongation at 250mm

Max. resistivity at 20°C

Unit

mm

MPa

%

$\Omega \cdot \text{mm}^2/\text{m}$

Value

2.57 ± 0.03

175

1.7

0.028172



Properties of Steel wire (Before stranding)

Diameter and tolerance

Min. tensile strength

Min. tension at 1% elongation

Min elongation at 250 mm

Class of zinc coating

Zinc coating quality

Conductor diameter

Rated tensile strength

Unit

mm

MPa

MPa

%

/

g/mm^2

MM

KN

Value

2.0 ± 0.02

1410

1280

3.5

Class A

230

6.0

/

PRINTING WAYS



Application



Household Wiring



Security & Protection System



intelligent safe-guard system



audio system



fire fighting system



Industrial construction

MAIN PRODUCTS



Packaging & Shipping

Packaging & Shipping

Packing : Steel wooden drum (fumigation) Cable length in each drum: 1000m/2000m or as per actual cable length requirements. Drum size: As per cable length and container size *In order to quote you accurate price, kindly tell us your needed

cable length quantity. Larger quantity, more discount benefit ready for you! Shipping Port:Tianjin, Qingdao, or other ports as per

your requirements. Sea freight:FOB/C&F/CIF quotation are all available. *For some countries such as Africa countries, middle east

countries, our sea freight quotation is much cheaper than clients get from local shipping agency.





Company Profile

- Golden Electric Co.,Ltd ,was foundad in 2017, we are professional for make AC and DC electric items such as **isolator switch , fuse , breaker , distribution box , PV combiner box ,surge protector, Industrial plug and socket,Solar product** and so on.

- Golden has been granted ISO9001 management system certifications. The comprehensive product line has more than 1000 models which have been approved by TUV,CE,CQC,SGS,ROHS,SASO. The productsells well to UK, Spain, Portugal, Singapore, Turkey, Russia, Korea, South Africa... more than 60 countries and regions.

- Golden is always striving hard to provide the best services and competitive price to all customers.



Related Products



FAQ

Q:How and how long can I get a sample to check your quality?

A: After price confirmation, you can require for samples to check our quality. Then after you send us confirmed files, the samples will be ready for delivery in 7 days. The samples will be sent to you via express and arrive in 5-7 workdays.

Q:How to order our product ?

A: 1).Please tell us the model and quantity and other request you need.
2).We make the PI for you.
3).After you confirm the PI, we arrange the order for you after receiving your payment.
4).After the goods finished, we send the goods out to you and tell you the tracking number.
5).We will track your goods until you receive the goods.

Q: Can I have a visit to your factory before the order?

A: Welcome! Our factory address: Dongan Industrial Zone,Yueqing City, Wenzhou, Zhejiang, China (Mainland)

Q: What's your shipment method?

A: We ship by Express, by air, by sea, by train. Normally we checked and compare, then provide customer the most proper shipment method.

Q: What's about MOQ?

A: First order MOQ=1pcs

Q: If i want to release order, what's the payment method you accept ?

A: We accept T/T, Paypal, Western union, etc.

Q: If i want to release order, what's the process?

A: Thanks. You can send inquiry to us by alibaba, or send us by email, we will reply within 24hrs.

Our committent

BETTER PRICE than other sellers for you because of Factory Direct Sale.

BETTER QUALITY than before caused by our 10+ years trading experience.

STOCK IN TRADE always own to our Fast & Professional production line.

FAST DELIVERY always made by our GROUP's Enthusiam.

TIMING REPLY in 24 hours all about our TEAM's Passion & Patience.

Send your Inquiry Details in the Below, **Click "Send" Now~**

YOUR BENEFITS IS OUR BUSINESS!!!



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