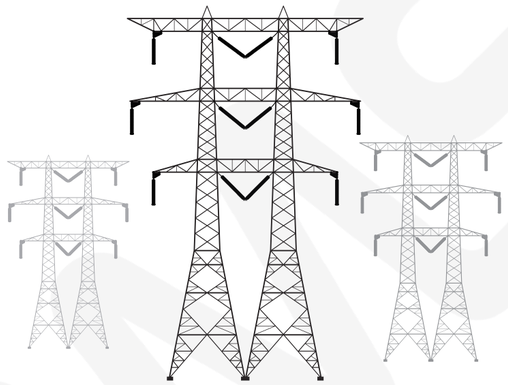


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CABLE

TRANS MORE

ZHENGZHOU · CHINA

ZMSCABLE.COM



COMPANY PROFILE

ZMS, established in 1990, is the earliest private enterprise in Henan (China) cable business. Our cables are manufactured by the most up-to-date technology, ensuring the highest quality, moreover, we continuously improve the management system, guaranteeing the stability of quality.

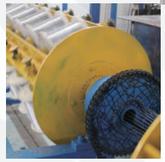
ZMS Cable have a wide product scope, includes: Overhead lines, Power cables up to 500kV, Flexible cables, Control cables, Rubber cables, Fiber Optical Cable, Submarine cables etc. With advanced manufacture technology, rich human resource and effective management system, we guarantee all products are manufactured strictly in accordance with GB, IEC, BS, NFC, ASTM, DIN standards,etc. Beyond quality control, ZMS have been trying its best to offer much higher standard of services rather than expected.

In the past decades, ZMS have built a wide sales network in global market, including Middle East, Africa,Southeast Asia, America, EU, over 90 countries. Our overseas projects evolved State grid electricity, city/railway electric transport, submarine cable, solar power plant, substation, etc.

ZMS Cable - Trans More Than Cables. Customers' satisfaction is our primary aim. Apart from the qualified products and competitive prices, we also provide excellence back-up services and customized cable solutions to be your reliable supplier/partner.













01 BARE CONDUCTOR

STANDARDS

ASTM B231
ASTM B399
BS 3242
BS 215
DIN 48201
IEC 61089

CONSTRUCTION

AAC - All Aluminium Conductor
AAAC - All Aluminium Alloy Conductor
ACSR - Aluminium Conductor Steel-reinforced
AACSR - Aluminium Alloy Conductor Steel-reinforced

Stranded Aluminum conductor and Aluminum Alloy conductor with or without steel wire reinforced.

APPLICATIONS

Bare conductor have been widely used in power transmission lines with various voltage levels and also used in power lines across great rivers, heavy ice area, and other places special geographical characteristic.









02 ABC CABLE (AERIAL BUNDLED CABLE)

STANDARDS

BS-7870
NFC 33-209
ANSI/ICEA S-76-474 Duplex Service Drop Cable

APPLICATIONS

Aerial Bundle Cable is a very innovative concept for overhead power distribution as compared to the conventional bare conductor over-head distribution system. It provides higher level of safety and reliability, lower power losses and ultimate system economy by reducing installation,maintenance and operative cost.
This system is ideal for rural distribution and it is especially perfect for installation in difficult terrains such as hilly areas, forest areas, coastal areas etc. ABC is also considered to be ideal for power distribution in congested urban areas with narrow lanes and by-lanes.

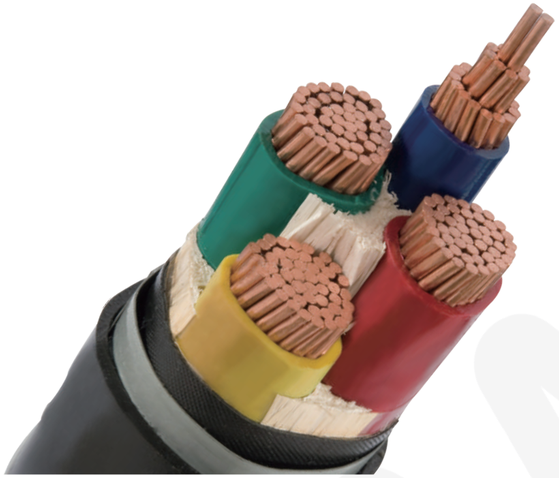
CONSTRUCTION

The cable can be produced whose construction is phase conductors with neutral bare conductor or phase conductor with insulated neutral conductor
Aluminum (or Aluminum Alloy) stranded conductor (compacted), XLPE (or HDPE) insulated, AAC messenger core (AAAC or ACSR or Galvanized steel wire messenger core, bare or covered). Twisted (or parallel) power cable.
And we can still produce the cables according to the request or customers.

The purpose of messenger wire is : A.It acts as load bearing wire B.It acts as earth or neutral conductor.

ABC usually has 3 cores plus neutral, the neutral can either be bare or insulated and the cable can have a street light of 16mm². ABC is available in 0.6/1kV, 6.35/11kV or 12kV. Primarily used for overhead service applications such as street lighting, outdoor light and temporary service for construction.







03 LOW VOLTAGE POWER CABLE

STANDARDS

IEC 60502
IEC 60332
IEC 61034
IEC 60754
IEC 60986
IEC 60287

APPLICATIONS

LV power cable is used to transmit and distribute power on the power line, U_0/U is AC voltage 0.6/1kV.

CONSTRUCTION

Low Voltage Power Cable

---- Copper(Aluminum) /XLPE(LSZH)/PVC(PE/LSZH)

---- Copper(Aluminum) /XLPE(LSZH)/SWA(AWA)/PVC (PE/LSZH)

---- Copper(Aluminum) /PVC/PVC

---- Copper(Aluminum) /PVC/STA(ATA)/PVC

The cables can be single core or multi-core with armored or unarmored as customer requirements.



04 MEDIUM VOLTAGE POWER CABLE

STANDARDS

IEC 60502
IEC 60332
IEC 61034
IEC 60754
IEC 60986
IEC 60287

CONSTRUCTION

XLPE insulated PVC(PE/LSZH) sheathed power cable
----Copper (Aluminum) /XLPE/PVC (PE)
----Copper (Aluminum) /XLPE/LSZH

XLPE insulated SWA(AWA) PVC(PE/LSZH) sheathed power cable
----Copper (Aluminum) /XLPE/SWA(AWA)/PVC (PE)
----Copper (Aluminum) /XLPE/SWA(AWA)/LSZH

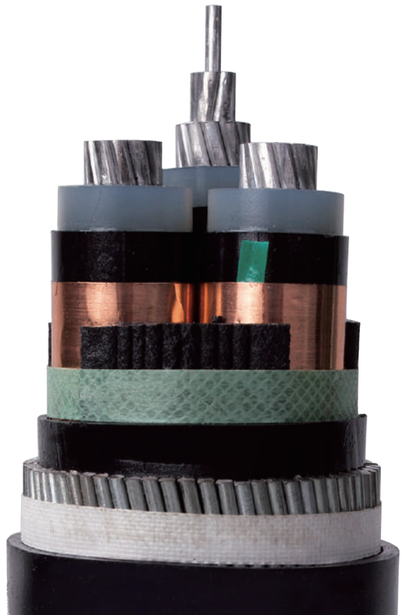
XLPE insulated STA(ATA) PVC(PE/LSZH) sheathed power cable
----Copper (Aluminum) /XLPE/STA(ATA)/PVC (PE)
----Copper (Aluminum) /XLPE/STA(ATA)/LSZH

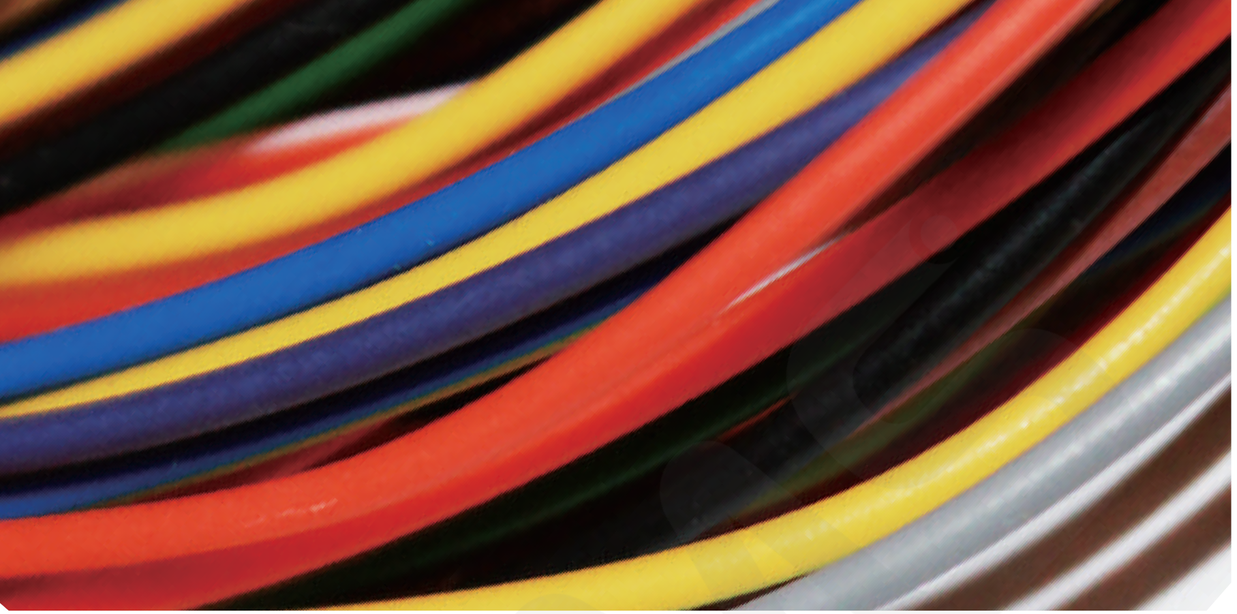
The cables can be single core or multi-core with armored or unarmored as customer requirements.

APPLICATIONS

MV Power cable is used to transmit power on the power transmission and distribution line of A.C. 50HZ, rated voltage 35kV or lower, and also used for Subway, Power station, Factory and Mine. It can be installed underground, in pipe, in trench or in tunnel.
MV Power Cable not only has excellent electric character, heath and aging-resistant character, environmental stress-resistant character and chemical corrosion-resistant character, but simple structure, light weight, no restriction by laying drop, and high temperature allowance for long-term working as well.







05 FIEXIBLE ELECTREC WIRE CONTROL CABLE

STANDARDS

IEC60227
IEC60502
IEC60332-3
BS6500

CONSTRUCTION

450/750V PVC insulation single core electric wire
450/750V PVC insulation Multi-cores electric wire

450/750V PVC electric wire PVC insulated
This series include the below type:

Copper conductor PVC insulated wires
Copper conductor PVC insulated flexible wires

Copper conductor PVC insulated PVC sheathed flat wires
Copper conductor PVC insulated flat flexible wires

Sizes: 0.5-185mm2

APPLICATIONS

PVC insulated flexible wire belong to the series of laying electrical wire, which is mainly suitable for laying at the fixed places. It is widely used in lighting, connectors of drive, electric equipment, instrument and telecommunication equipment.

06 CONTROL CABLE/INSTRUMENT CABLE

STANDARDS

IEC60502

CONSTRUCTION

Copper/XLPE/PE(PVC) control cable

Copper/XLPE/SWA/PE(PVC) control cable

Copper/XLPE/SWA/LSZH control cable

Copper/XLPE/Al-Foil/SWA/PE(PVC) Instrument cable

Copper/XLPE/Al-Foil/SWA/LSZH Instrument cable

APPLICATIONS

The control cables/instrument cables are suitable for the wiring of electrical controlling equipment and instrument, monitoring and controlling return circuit, electrical protection and measurement in power distribution unit under the circumstance.





07 RUBBER CABLE

STANDARDS

IEC60245

CONSTRUCTION

Conductor: Flexible electrolytic annealed copper conductor, class 5 according to IEC 60228.
Insulation: Rubber (The standard identification according to HD 308 or EN50334)

Sheath: Rubber(black color)
Bending Radius: Single core :20D±0.05, multi-core:15D±0.05

Temperature Rating: 0℃ to 90℃

APPLICATIONS

The rubber insulated flexible cables are mostly used for power connection of electric equipment, electric tool and various moveable electric devices such as boilers, heating plates, hand lamps, trans-portable motor, lifts and cranes .

08 FIBER OPTIC CABLE

STANDARDS

IEC 60793
ITU-T G.650
ITU-T G.652
ITU-T G.655
IEEE Std 1138
IEC Std 1222

CONSTRUCTION

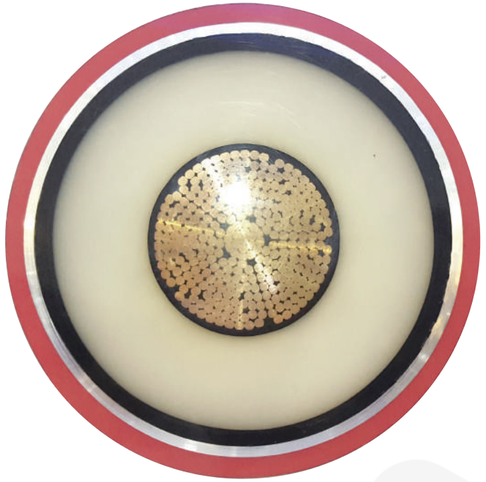
Stranded loose tube optical fibre cables for outdoor application for telecommunication.
OPGW cable have the dual performance functions of ground wires with communication capabilities.
OPPC cable have the dual performance functions of phase conductors with communication capabilities.
ADSS cable are a kind of non-metallic self-supporting optical fiber cables directly between two power towers.
MASS cables are a kind of metallic self-supporting optical fiber cables directly between two power towers.

APPLICATIONS

The fiber optic cable have good adaptability and excellent mechanical property, which can be applied in aerial, pipeline and direct-buried laying occasions.









09 HIGH VOLTAGE POWER CABLE

STANDARDS

IEC60840
IEC62067

CONSTRUCTION

Rated Voltage from 30kV to 500kV
Copper Conductor XLPE insulation corrugated aluminum(metallic) sheath outer sheath
Copper Conductor XLPE insulation copper wire and copper tape screen outer sheath
Copper Conductor XLPE insulation lead alloy sheath outer sheath.

APPLICATIONS

Applies to transmission and distribution of high-power electric energy of main trunk circuit with power frequency of 50-60Hz and rated voltage up to 290/500kV(Um=550kV), and be used as outlet line of HC establishment such as large-scale hydraulic power plant,transformer station etc.

10 SUBMARINE POWER CABLE

STANDARDS

IEC 60502
IEC 62067

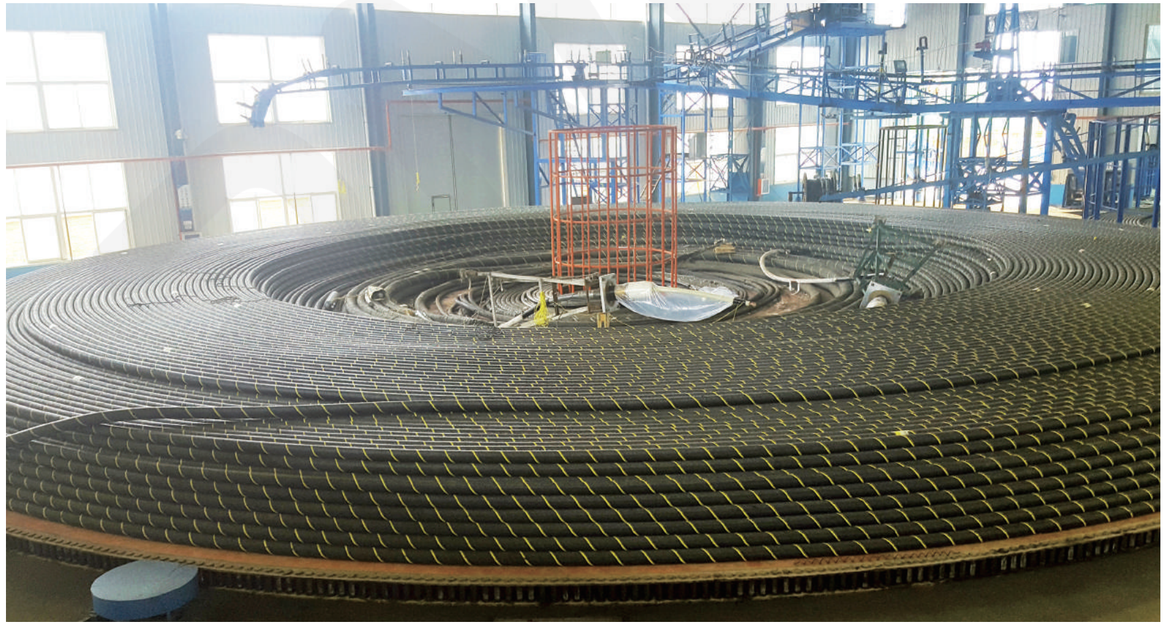
CONSTRUCTION

Rated voltage from 1kV to 500kV
Copper Conductor XLPE insulation lead alloy sheath armour wire outer sheath
Copper Conductor XLPE insulation lead alloy sheath armour wire outer sheath optical fiber composite construction



APPLICATIONS

Applies to solidly earthed system with power frequency of 50-60Hz and rated voltage from 1kV to 500kV. Mainly used for high-power electric power transmission between mainland and island, island and island, or mainland and platform; control signal transmission of smart gird and communication signal transmission.





WELCOME

TO ZHENGZHOU · CHINA

Established Year: 1990
Factory Area: 63000m²
Manufacturing Capacity per year: 700Million
Sales Revenue (2018): 300Million
Certificates: ISO 9001, CCC, CE, SONCAP

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