



HUANGHE CABLE GROUP

HENAN INTERBATH CABLE CO.,LTD.

ZHENGZHOU·CHINA

HUANGHE CABLE GROUP

PROFESSIONAL CABLE MANUFACTURER & SUPPLIER



Medium Voltage XLPE Insulated Electrical Cable

Type: XLPE Insulated Electrical Cable

Rated Voltage: 3.6/6kV~26/35kV

Conductor: Copper or Aluminum

Insulation: Crosslinked polyethylene (XLPE)

Armour: STA/SWA/AWA armoured or unarmoured

Outer Sheath: Polyvinyl chloride (PVC)

3.6 kV~35kV XLPE Insulated Electrical Cable Production Range

| Type | Description | Core | Core |
|--------|---|----------------------|--|
| YJV | copper core, xlpe insulated, pvc sheath | 1 core 3 core | 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400, 500 |
| YJLV | aluminum core, xlpe insulated, pvc sheath | | |
| YJV22 | copper core, xlpe insulated, steel tape armoured, pvc sheath | | |
| YJLV22 | aluminum core, xlpe insulated, steel tape armoured, pvc sheath | | |
| YJV32 | copper core, xlpe insulated, steel wire armoured, pvc sheath | | |
| YJLV32 | aluminum core, xlpe insulated, steel wire armoured, pvc sheath | | |
| YJV72 | copper core, xlpe insulated, aluminum wire armoured, pvc sheath | | |
| YJLV72 | aluminum core, xlpe insulated, aluminum wire armoured, pvc sheath | | |



Low Voltage XLPE Insulated Electrical Cable

Type: XLPE Insulated Electrical Cable

Rated Voltage: 0.6/1kV

Conductor: Copper or Aluminum

Insulation: Crosslinked polyethylene (XLPE)

Armour: STA/SWA/AWA armoured or unarmoured

Outer Sheath: Polyvinyl chloride (PVC)

0.6/1kV XLPE Insulated Electrical Cable Production Range

| Type | Description | Core | Core |
|--------|---|--|---|
| YJV | copper core, xlpe insulated, pvc sheath | 1 core 2 core 3 core 4 core 5 core 3+1 core 3+2 core 4+1 core | 1.5, 2.5, 4, 6, 10, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400, 500 |
| YJLV | aluminum core, xlpe insulated, pvc sheath | | |
| YJV22 | copper core, xlpe insulated, steel tape armoured, pvc sheath | | |
| YJLV22 | aluminum core, xlpe insulated, steel tape armoured, pvc sheath | | |
| YJV32 | copper core, xlpe insulated, steel wire armoured, pvc sheath | | |
| YJLV32 | aluminum core, xlpe insulated, steel wire armoured, pvc sheath | | |
| YJV72 | copper core, xlpe insulated, aluminum wire armoured, pvc sheath | | |
| YJLV72 | aluminum core, xlpe insulated, aluminum wire armoured, pvc sheath | | |

*Approved Conductor strands: **Tinned Copper**: Solid Class1, Flexible Class5; **AL**: Solid Class1; **Anneal Copper / Aluminum Alloy**: Solid Class1, Stranded Class2, Flexible Class5;



Low Voltage PVC Insulated Electrical Cable

Type: PVC Insulated Electrical Cable

Rated Voltage: 0.6/1kV

Conductor: Copper or Aluminum

Insulation: Polyvinyl chloride (PVC)

Armour: STA/SWA/AWA armoured or unarmoured

Outer Sheath: Polyvinyl chloride (PVC)

0.6/1kV PVC Insulated Electrical Cable Production Range

| Type | Description | Core | Core |
|-------|--|----------|--|
| WV | copper core, PVC insulated, pvc sheath | 1 core | 1.5, 2.5, 4, 6, 10, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400, 500 |
| VLV | aluminum core, PVC insulated, pvc sheath | 2 core | |
| WV22 | copper core, PVC insulated, steel tape armoured, pvc sheath | 3 core | |
| VLV22 | aluminum core, PVC insulated, steel tape armoured, pvc sheath | 4 core | |
| WV32 | copper core, PVC insulated, steel wire armoured, pvc sheath | 5 core | |
| VLV32 | aluminum core, PVC insulated, steel wire armoured, pvc sheath | 3+1 core | |
| WV72 | copper core, PVC insulated, aluminum wire armoured, pvc sheath | 3+2 core | |
| VLV72 | aluminum core, PVC insulated, aluminum wire armoured, pvc sheath | 4+1 core | |

Remark: Flame retardant, fire proof and low smoke zero halogen electrical cables are also available.



Mineral Insulated Cable

Type: Mineral Insulated Cable

Rated Voltage: 0.6/1kV

Conductor: Copper

Insulation: Mineral insulated (magnesia)

Sheath: Copper

Outer Sheath: Anticorrosion outer sheath (optional)

Mineral Insulated Cable Production Range

| Type | Description | Core | Nominal Section-area(mm ²) |
|------|---|--|--|
| BTT | copper core,copper sheathed, mineral insulated cable | 1 core 2 core 3 core 4 core 5 core | 1.0, 1.5, 2.5, 4, 6, 10, 16, 25,35,50, 70, 95, 120, 150, 185, 240, 300, 400 |
| BTTV | copper core,copper sheathed, mineral insulated cable with anticorrosion outer sheath | 3+1 core 3+2 core 4+1 core | |
| BTTV | copper core, copper sheath,mineral insulated cable with low smoke zero halogen outer sheath | 7 core 10 core 12 core 19 core | |

Bare Cable Advantages: Continuous working temperature: 250°C
Supply power for 3 hours continuously at 950°C~1000°C.

Remark: If the cable is used in corrosive environments it may be added with plastic sheath (optional) at the outermost layer.



450/750V Flexible Control Cable

Type: Flexible Control Cable

Rated Voltage: 450/750V

Conductor: Copper (class 5)

Insulation: Polyvinyl chloride (PVC)

Outer sheath: Polyvinyl chloride (PVC)

Flexible Control Cable Production Range

| Rated Voltage (V) | Type | Description | Core | Nominal Section-area (mm ²) |
|-------------------|----------|--|---|---|
| 450/750 | KVVR | CU core, pvc insulated, pvc sheathed, flexible control cable | 2 core, 3 core, 4 core, 5 core, 7 core, 8 core, | 0.75 1 |
| | KVVRP | CU core, pvc insulated & sheathed, cu wire screen, flexible | 10 core, 12 core, 14 core, 16 core, | 1.5 2.5 |
| | ZR-KVVR | CU core, pvc insulated & sheathed, flame retardant, flexible | 19 core, 24 core, 27 core, 30 core, | 4 6 |
| | ZR-KVVRP | CU core, pvc insulated & sheathed, cu wire screen, flame retardant | 37 core, 44 core, 52 core, 61 core | 10 |

Remark: Fire proof and low smoke zero halogen flexible control cables are also available.

*Approved Conductor strands: **Tinned Copper**: Solid Class1, Flexible Class5; **AL**: Solid Class1; **Anneal Copper / Aluminum Alloy**: Solid Class1, Stranded Class2, Flexible Class5;



450/750V Screened Control Cable

Type: Screened Control Cable
 Rated Voltage: 450/750V 0.6/1kV
 Conductor: Copper (solid or flexible)
 Insulation: Polyvinyl chloride (PVC)
 Screen Layer: Copper wire braiding or copper tape
 Outer sheath: Polyvinyl chloride (PVC)PVC)

Screened Control Cable Production Range

| Rated Voltage (V) | Type | Description | Core | Nominal Section-area (mm ²) |
|-------------------|----------|--|-------------------|---|
| 450/750 | KVVP | CU core, pvc insulated & sheath, cu wire screen | 2 core, 3 core, | 0.75 |
| | KVVP2 | CU core, pvc insulated & sheath, cu tape screen | 4 core, 5 core, | 1.0 |
| | KVVRP | CU core, pvc insulated & sheath, cu wire screen, flexible | 7 core, 8 core, | 1.5 |
| | ZR-KVVP | CU core, pvc insulated & sheath, cu wirescreen, flame retardant | 10 core, 12 core, | 2.5 |
| | ZR-KVVP2 | CU core, pvc insulated & sheath, cu tape screen, flame retardant | 14 core, 16 core, | 4.0 |
| | ZR-KVVP2 | CU core, pvc insulated & sheath, cu tape screen, flame retardant | 19 core, 24 core, | 6.0 |
| | ZR-KVVRP | CU core, pvc insulated & sheath, cu wire screen, flame retardant | 27 core, 30 core, | 10 |
| | | | 37 core, 44 core, | |
| | | | 52 core, 61 core | |

Remark: Fire proof and low smoke zero halogen flexible control cables are also available.



Rubber Sheathed Cable

Type: Rubber Sheathed Cable
 Conductor: Flexible copper wire (class 5)
 Insulation: Rubber compound
 Screen: Copper tape or without screen
 Outer sheath: Rubber compound

Rubber Sheathed Cable Production Range

| Type | Rated Voltage | Core | Nominal Section-area (mm ²) |
|--------|---------------|--------------------|---|
| YQ YQW | 300/300V | 2, 3 | 0.3~0.5 |
| YZ YZW | 300/500V | 2, 3, 4, 5, 3+1 | 0.75~6 |
| YC YCW | 450/750V | 1, 2, 3, 4, 5, 3+1 | 1.5~150 |

| Description | Main Usage |
|--|--|
| YQ YQW (Light Type Rubber Flexible Cable) | Used for light portable electrical equipment and tools |
| YZ YZW (Middle Type Rubber Flexible Cable) | Used for various portable electrical equipment and tools |
| YC YCW (Heavy Type Rubber Flexible Cable) | Used for various portable larger electrical equipment |

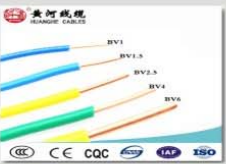


Flexible Welding Cable

Type: Welding Cable
 Conductor: Flexible copper wire (class 5)
 Insulation: Rubber compound
 Colour: Black, Orange, Red etc.

Flexible Welding Cable Production Range

| Type | Description | Core | Nominal Section-area (mm ²) |
|------|---|--------|---|
| YH | flexible CU core, rubber compound insulated | 1 core | 10, 16, 25, 35, 50, 70, 95, 120 |



PVC Insulated Electrical Wire

Type: PVC Insulated Wire
 Rated Voltage: 300/500V 450/750V
 Conductor: Copper or aluminum (solid or flexible)
 Insulation: Polyvinyl chloride (PVC)
 Colour: Red, Yellow, Blue, Green, Black, White, Double Colours (Yellow & Green)

PVC Insulated Electrical Wire Production Range

| Rated Voltage (V) | Type & Description | Core | Nominal Section-area (mm ²) |
|-------------------|---|--------|--|
| 300/500 | BV(copper core, pvc insulated, electrical wire) | 1 core | 0.5, 0.75, 1 |
| | BV(copper core, pvc insulated, electrical wire) | | 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400 |
| 450/750 | BLV(aluminum core, pvc insulated, electrical wire) | | 0.75, 1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240 |
| | BVR(copper core, pvc insulated, flexible electrical wire) | | |

Remark: PVC insulated fire proof electrical wire (NH-BV) is also available.



PVC Sheathed Electrical Wire

Type: PVC Sheathed Wire
 Rated Voltage: 300/500V
 Conductor: Copper or aluminum (solid or flexible)
 Insulation: Polyvinyl chloride (PVC)
 Sheath: Polyvinyl chloride (PVC)
 Colour: Red, Yellow, Blue, Green, Black,

PVC Sheathed Electrical Wire Production Range

| Rated Voltage (V) | Type & Description | Core | Nominal Section-area (mm ²) |
|-------------------|---|--|---|
| 300/500 | BVV(copper core, pvc insulated, pvc sheathed, round electrical wire) | 1 core, 2 core, 3 core, 4 core, 5 core | 0.75, 1, 1.5, 2.5, 4, 6 |
| | BVVB(copper core, pvc insulated, pvc sheathed, parallel electrical wire) | 2 core | 0.75, 1.0, 1.5, 2.5, 4, 6, 10 |
| | BLVVB(aluminum core, pvc insulated, pvc sheathed, parallel electrical wire) | 3 core | |

*Approved Conductor strands: **Tinned Copper**: Solid Class1, Flexible Class5; **AL**: Solid Class1; **Anneal Copper / Aluminum Alloy**: Solid Class1, Stranded Class2, Flexible Class5;



PVC Insulated Jointed Flexible Wire

Type: PVC Insulated Wire
 Rated Voltage: 300/300V 300/500V 450/750V
 Conductor: Flexible copper (class 5)
 Insulation: Polyvinyl chloride (PVC)
 Colour: Red, Yellow, Blue, Green, Black, White, Double Colours (Yellow & Green)

PVC Insulated Jointed Flexible Wire Production Range

| Rated Voltage (V) | Type & Description | Core | Nominal Section-area (mm ²) |
|-------------------|--|-----------------|---|
| 300/500 | RV(CU core, pvc insulated, jointed flexible) | 1 core | 0.3, 0.4, 0.5, 0.75, 1.0 |
| | RVV(CU core, pvc insulated & sheath, parallel jointed flexible) | 2, 3, 4, 5 core | 0.75, 1.0, 1.5, 2.5 |
| 450/750 | RV(CU core, pvc insulated, jointed flexible) | 1 core | 1.5, 2.5, 4, 6, 10 |
| | RV-90(CU core, heat-resist, pvc insulated, joint flexible) | | 0.5, 0.75, 1.0, 1.5, 2.5, 4, 6 |
| 300/300 | RVB(CU core, pvc insulated, parallel jointed flexible) | 1 core | 0.3, 0.4, 0.5, 0.75, 1.0 |
| | RVS(CU core, pvc insulated, twisted jointed flexible) | 1 core | 0.3, 0.4, 0.5, 0.75 |
| | RVV(CU core, pvc insulated & sheath, parallel jointed flexible) | 2, 3, 4, 5 core | 0.5, 0.75, 1.0, 1.5, 2.5 |
| | RVVVB(CU core, pvc insulated & sheath, parallel jointed flexible) | 2 core | 0.5, 0.75, 1.0, 1.5, 2.5, 4 |

Remark: PVC insulated fire proof flexible wire is also available.

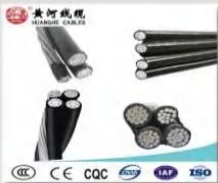


Single Core Insulated Overhead Cable

Type: Insulated Overhead Cable
 Voltage: 1kV, 10kV
 Conductor: Copper, Aluminum, Aluminum alloy, Steel core aluminum
 Insulation: Crosslinked polyethylene (XLPE), Polyvinyl chloride (PVC), Polyethylene (PE)

PVC Insulated Jointed Flexible Wire Production Range

| Type | Description | Core | Nominal Section-area (mm ²) |
|--------|-------------------------------------|--------|---|
| JKV | CU core, pvc insulated | 1kV | 0.3, 0.4, 0.5, 0.75, 1.0 |
| JKLV | AL core, pvc insulated | | |
| JKLHV | AL alloy core, pvc insulated | | |
| JKY | CU core, pe insulated | | |
| JKLY | AL core, pe insulated | | |
| JKLHY | AL alloy core, pe insulated | 1 core | 0.5, 0.75, 1.0, 1.5, 2.5, 4, 6 |
| JKYJ | CU core, xlpe insulated | | |
| JKLYJ | AL core, xlpe insulated | | |
| JKLHYJ | AL alloy, xlpe insulated | | |
| JKLGYJ | steel core aluminum, xlpe insulated | 10kV | 0.5, 0.75, 1.0, 1.5, 2.5, 4 |



Parallel & Twisted Insulated Overhead Cable

Type: Parallel & Twisted Insulated Overhead Cable
 Voltage: 1kV, 10kV
 Conductor: Copper, Aluminum, Steel core aluminum
 Insulation: Crosslinked polyethylene (XLPE), Polyethylene (PE)

Parallel & Twisted Insulated Overhead Cable Production Range

| Type | Description | Core | Nominal Section-area (mm ²) |
|--------|---|-------------------------|---|
| JKLYS | AL core, pe insulated, parallel overhead cable | 2 core 4 core | 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240 |
| JKYJ | CU core, xlpe insulated, twisted overhead cable | 2 core 4 core | |
| JKLYJ | AL core, xlpe insulated, twisted overhead cable | 3+k | Nominal Section-area of Aluminum/Steel (mm ²) |
| JKLGYJ | steel core aluminum, xlpe insulated, twisted overhead cable | 2 core 4 core 3+k | 10/2~500/65 |

Remark: a (auxiliary core), k (carrying core or neutral core with carrying core)



Overhead Bare Conductor

Type: Overhead Bare Conductor
 Conductor: Copper, Aluminum, Aluminum Alloy, Aluminum Core Steel Reinforced

Overhead Bare Conductor Production Range

| Type | Description | Nominal Section-area (mm ²) |
|------|---|---|
| TJ | all copper stranded, bare conductor | 16, 25, 35, 50, 70, 95, 120, 150, |
| LJ | all aluminum stranded, bare conductor | 185, 240, 300, 400, 500, 630, 800 |
| AAAC | all aluminum alloy stranded, bare conductor | |
| ACSR | aluminum stranded conductors steel-reinforced | Nominal Section-area of Aluminum/Steel (mm ²) |
| | | 10/2~800/100 |

*Approved Conductor strands: **Tinned Copper**: Solid Class1, Flexible Class5; **AL**: Solid Class1; **Anneal Copper / Aluminum Alloy**: Solid Class1, Stranded Class2, Flexible Class5 ;

Qualification





Company Profile

Huanghe Cable Group is one of the important manufacturing company in China with advanced production equipment and perfect testing equipment, strong technical force and product development capacity. Our products are produced strictly according to China standards (GB/T, ISO9001) and international standards including IEC, BS, DIN, ICEA or as customers' request. It also has got CCC (China Compulsory Certification) and ISO certificates. So the Quality of each product could be guaranteed.

Our main products have wide ranges: low voltage xlpe cable, medium voltage xlpe power cable, pvc insulated cable, control cable, fire resistance cable, fire proof cable, low smoke low halogen cable, halogen free cable, prefabricated branched cable, screened cable, high temperature-resistant cable, underground plastic insulated wire, environment friendly cable and any other special wires and cables including 50 series, more than 200 varieties and thousands of specifications.

Products are widely used in transmission and transformation project, modification work, rural power grid construction and renovation, power plant, airport, high speed rail, hospital, high building etc. OEM and ODM services are offered. And different types of wires & cables also could be produced as your requirements.

Typical Project

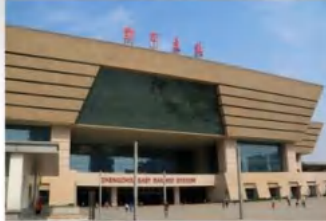
1.Huanghe River Bridge Project

Main Products:1kV5 core xlpe insulated electrical cable



2.Zhengzhou East Railway Station

Main Products:1lyflame retardant armoured electrical cable (1 core&3core)



3 Henan Coal and Chemical Industry Group Central Hospital

Main Products:flame retardant zero halogen low smoke electrical wire



4.Tsinghua University

Main Products:1kV,11kVarmoured&unarmoured xlpecable



5.China Unicom

Main Products: 15kVxlpe electrical cable(1 core& 3core)



6.Southern North Water Diversion Project Department of China National Construction Corporation

Main Products: 1AVarmoured electrical cable(3core&5core)



7.Infrastructure Department of China Peoples Liberation Army 371 Hospital

Main Products:flame retardant electrical wire and 1kVxlpe cable



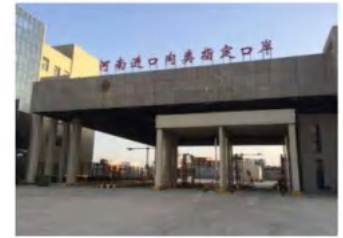
8.Henan Jiaozuo Power Plant

Main Products:flame retardant zero halogen low smoke electrical cable(1kV & 35kV)



9.Henan Imported Meat Designated Port

Main Products: fire proof electrical cable and wire



Contact Us

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