



CHUNG KWANG

ELECTRIC WIRE AND CABLE CO., LTD.

Submersible Pump Lines





CHUNG KWANG ELECTRIC WIRE AND CABLE CO., LTD.

WE ARE 44 YEARS EXPERIENCE PROFESSIONAL MANUFACTURERS.

Chung Kwang Electric Wire & Cable was founded in 1979 with more than 40 years of experience in the wire & cable industry. OEM/ODM Customer designed cable based on industry and appliance.

WE HAVE ESG CERTIFICATION AND MULTI-INTERNATIONAL CERTIFICATES.





PROFESSIONAL PRODUCTION LINE

Manufacturing Capabilities.

1. AC Charging Connector and Cables for EV
 - (1) One Connector / Two Connectors
 - (2) Portable EV Charge Set
 - (3) EVJE, EVJT, EVE, EVT (4) EV Inlet
2. PV Connectors and Cables
 - (1) PV Connectors (2) PV Cables
3. Power Supply Cords
 - (1) Europe Standard (2) USA Standard
 - (3) Japan Standard
4. Underground Low-Energy Circuit Cables

Low Voltage Landscape Lighting Cable
5. Submersible Pump Lines
 - (1) Submersible Pump Cables
 - (2) Winding Wire for Submersible Pump
6. Industrial Cables

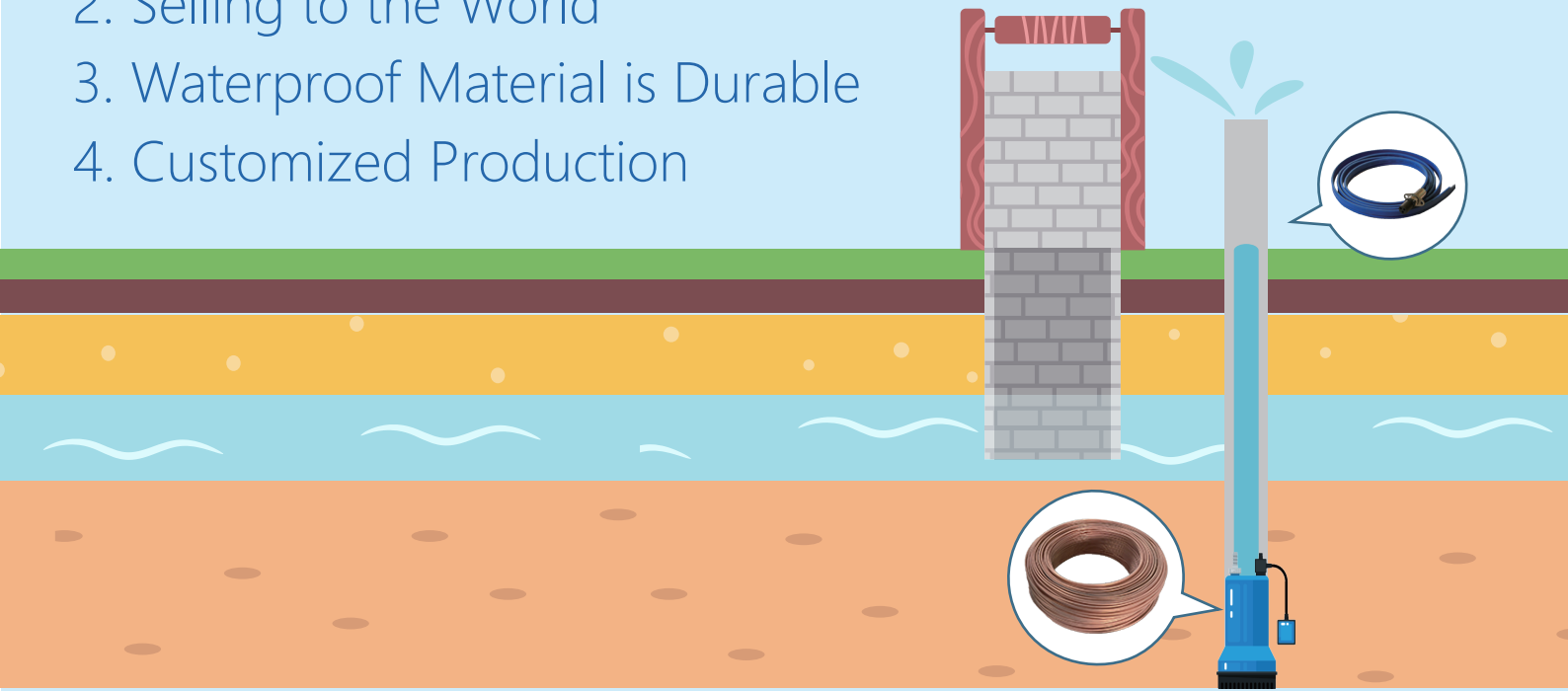
TC, TC-ER, DG





Submersible Pump Lines

1. Applicable to Submersible Pumps
2. Selling to the World
3. Waterproof Material is Durable
4. Customized Production



Advantages

- Made in Taiwan.
- Generally conforming to:UL 44, IEC 60227, BS 6500, ISI 694.
- Excellent resistance to water, moisture, abrasion, grease and oil.
- Excellent resistance to acids, chemicals and ozone.
- CHUNG KWANG Cables are exported to more than 20 countries, and are widely praised and trusted by customers.

Submersible Pump Cables

Construction

Conductor : Flexible bare copper conductor strand

Insulation : XLPE

Sheath/Jacket : PVC or TPE

Core Color : 3 core : Red, Yellow, Black ;

4 core : Red, Yellow, Black, Green

Approval and Technical specification

Approvals : CE

Certificate No. : IEC 60227 、 60364-5-52 、 BS 7671

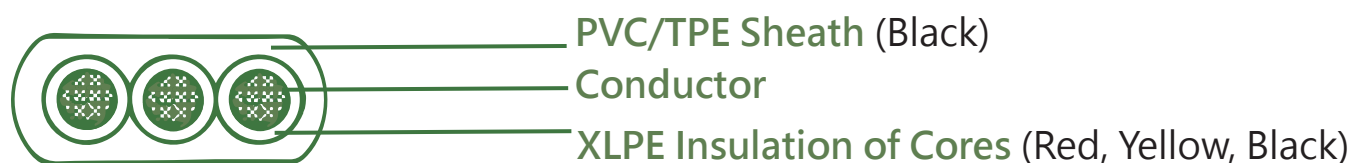
Operating Temperature : -40 °C ~90°C

Temperature Rating : 60 °C, 75°C, 90°C

Voltage Rating : 600 volts

Conductor Size : 14 AWG ~ 2 AWG

PVC 3 Cord Flat Submersible Pump Cables (Without Ground)



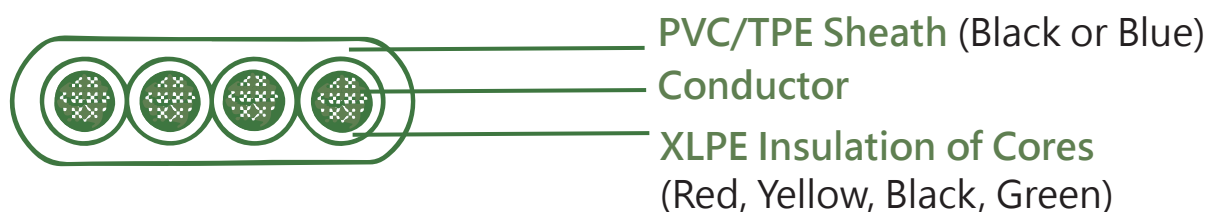
| Size(AWG/NO. of conductors) | Nos and Dia. of wire (Nos.X mm) | Core Dia.(mm) | Nominal Sheath Thickness (mm.) | Cable Overall Dimension(mm) |
|-----------------------------|---------------------------------|---------------|--------------------------------|-----------------------------|
| 14/3 | 41 X 0.254 | 3.60 | 1.15 | 13.30 X 6.20 |
| 12/3 | 65 X 0.254 | 4.30 | 1.15 | 15.60 X 7.00 |
| 10/3 | 105 X 0.254 | 5.10 | 1.15 | 17.70 X 7.40 |
| 8/3 | 168 X 0.254 | 6.30 | 1.40 | 22.30 X 9.30 |
| 6/3 | 226 X 0.254 | 7.60 | 1.40 | 26.30 X 10.80 |
| 4/3 | 420 X 0.254 | 9.90 | 2.00 | 32.30 X 13.10 |
| 2/3 | 665 X 0.254 | 11.10 | 2.00 | 35.90 X 14.30 |

Note

The number of wires of conductor and wire diameter are nominal, they should satisfy the requirements of conductor resistance of IEC 60228 / DIN VDE 0295 / IS 8130 / BS 6360.

Submersible Pump Cables

PVC 4 Cord Flat Submersible Pump Cables (Without Ground)



| Size(AWG/NO. of conductors) | Nos and Dia. of wire (Nos.X mm) | Ground Conductor Size(AWG) | Core Dia. (mm) | Nominal (mm) | Cable Overall Dimension(mm) |
|-----------------------------|---------------------------------|----------------------------|----------------|--------------|-----------------------------|
| 14/4 | 41 X 0.254 | 14 | 3.85 | 1.15 | 18.00 X 6.50 |
| 12/4 | 65 X 0.254 | 12 | 4.50 | 1.15 | 21.00 X 7.60 |
| 10/4 | 105 X 0.254 | 10 | 5.30 | 1.15 | 24.30 X 7.90 |
| 8/4 | 168 X 0.254 | 10 | 6.50 | 1.40 | 29.70 X 9.90 |
| 6/4 | 226 X 0.254 | 8 | 8.00 | 2.00 | 36.00 X 11.80 |
| 4/4 | 420 X 0.254 | 8 | 10.10 | 2.00 | 45.10 X 14.70 |
| 2/4 | 665 X 0.254 | 6 | 11.30 | 2.20 | 50.10 X 16.20 |

Note

The number of wires of conductor and wire diameter are nominal, they should satisfy the requirements of conductor resistance of IEC 60228 / DIN VDE 0295 / IS 8130 / BS 6360.

Applications

- For continuous use in deep well to supply power to submersible equipments like motor for the depth upto 100 mtrs.
- Cable is in accordance with UL specification of 90 °C type RHW-2 cable.
- Submersible pump cables can be used in different kind of applications, including sewage treatment plant, seawater handing, groundwater pumping, fire fighting (since it is flame retardant cable), borehole drilling, water well and deep well drilling, offshore drilling rigs, artifical lifts, mine dewatering, irrigation systems, and water supply systems.

Winding Wire for Submersible Pump

Construction

Conductor : Copper

Insulation : PE

Covering (if apply) : Nylon

Copper Conductor Spec. : Dia.: 0.3 mm-2.3 mm

Conductor Type : Solid

Approval and Technical specification

Approvals : Use PE-NY compound to comply with EU RoHS requirements

Rated temperature : 75 °C

PH value : 6.5-8.5

Voltage Rating : 450/750 V

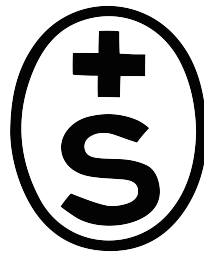
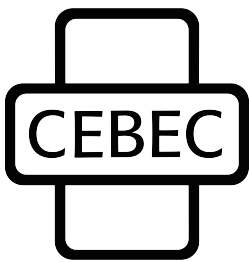
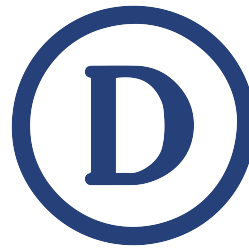
| Core No. | Conductor Construction (No.X mm) | Approximate Overall Diameter(mm)NO Nylon | Minimum Insulation Resistance (MΩ-km) | Maximum Conductor Resistance(Ω/km(20°C)) |
|----------|----------------------------------|--|---------------------------------------|--|
| 1 | 1/0.5 | 1.0 | 1000 | 91.6 |
| 1 | 1/0.6 | 1.2 | 1000 | 65.4 |
| 1 | 1/0.7 | 1.25 | 1000 | 47.6 |
| 1 | 1/0.8 | 1.4 | 1000 | 36.2 |
| 1 | 1/0.9 | 1.5 | 1000 | 28.4 |
| 1 | 1/1.0 | 1.6 | 1000 | 23.4 |
| 1 | 1/1.1 | 1.75 | 1000 | 19.2 |
| 1 | 1/1.2 | 1.85 | 1000 | 16.1 |
| 1 | 1/1.3 | 1.9 | 1000 | 13.6 |
| 1 | 1/1.4 | 2.0 | 1000 | 11.7 |
| 1 | 1/1.5 | 2.2 | 1000 | 10.2 |
| 1 | 1/1.6 | 2.3 | 1000 | 8.9 |
| 1 | 1/1.7 | 2.4 | 1000 | 7.9 |
| 1 | 1/1.8 | 2.55 | 1000 | 7.0 |
| 1 | 1/1.9 | 2.65 | 1000 | 6.3 |
| 1 | 1/2.0 | 2.8 | 1000 | 5.7 |
| 1 | 1/2.1 | 2.9 | 1000 | 5.1 |
| 1 | 1/2.2 | 3.0 | 1000 | 4.7 |
| 1 | 1/2.3 | 3.2 | 1000 | 4.3 |

Applications

Winding wire of coil for Submersible.

The outstanding characteristic of PE wire is oil-resistant and water-resistant.

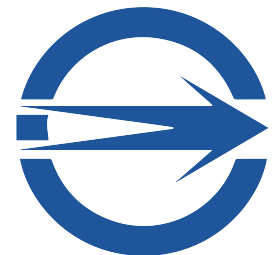
Certificates



SAA



RoHS
compliant





No. 33, Xuetian Rd., Sanhe Vil., Wuri Dist., Taichung City 41456, Taiwan (R.O.C.)

Tel : +886-4-23375032 Fax : +886-4-23370223 Email : ckw1@ms76.hinet.net



WhatsApp
+886-972038769



Skype
live:.cid.9c50f35ccc70494c



URL
<https://en.ckw.com.tw/>