



● Introduction

Class K Welding Cable is considered the standard in welding cables. It features a single stranded bare copper conductor made up of 30 AWG strands. Like all welding cables, Class K also features a thermoset jacket, most commonly made from Ethylene Propylene Diene Monomer (EPDM) rubber. These cables are typically available with red or black jackets. They are ideal for use in secondary voltage resistance welding leads and power supply applications not exceeding 600V AC and are also suitable for use as battery cables.

● Application

Class K Bare Copper Welding Cable is used in secondary voltage resistance welding leads and power supply applications not exceeding 600 volts AC. The cable is flexible, abrasion-resistant, and has excellent color retention. Welding cables are specifically designed to power arc welding machines and deliver electric current to the welding application. They are made to be extremely flexible and durable, capable of withstanding the harsh conditions of welding operations, including high temperatures, mechanical stress, and exposure to metal particles and slag.

● Feature

Class K welding cable offers a good balance between flexibility and durability, making it suitable for a wide range of welding applications. Its construction with 30 AWG copper strands, high-quality insulation, and robust design ensures reliable performance in various environments and conditions.
Operating Temperature: 50°C to +105°C
Rating Voltage: 600V

● Construction

Conductor: Fully annealed stranded bare copper Class K
Insulation Material: EPDM (Ethylene Propylene Diene Monomer)
Jacket Material: EPDM (Ethylene Propylene Diene Monomer)

● Specification

- UL Listed
- CSA Certified
- MSHA Approved
- Meets UL Vertical Flame Test per UL 854
- RoHS Compliant

● Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction.

CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

● Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



● National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China. We are committed to the development of high-end, intelligent and green manufacturing industry.

*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.