

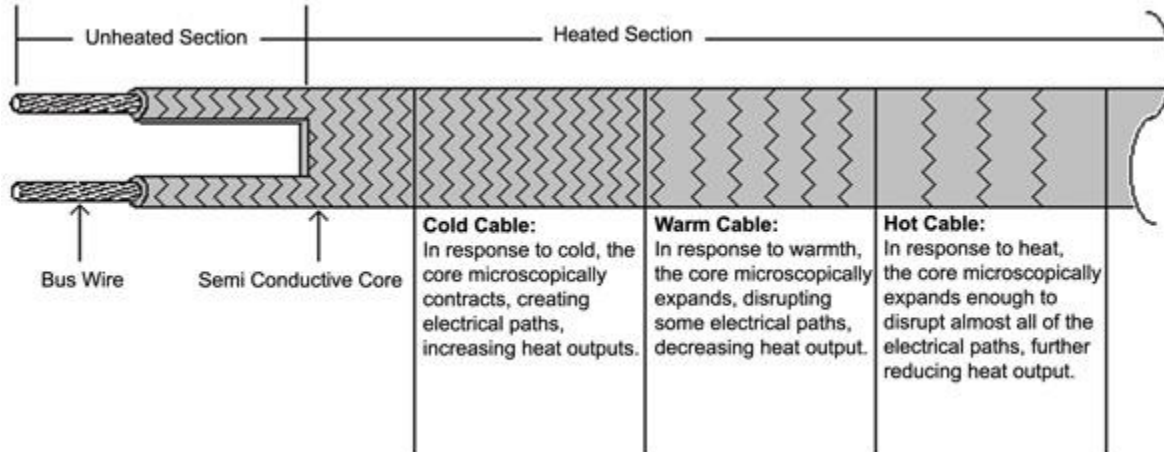
24V 36V safety low voltage self-limiting temperature electric heating cable is mainly developed for the needs of various low-voltage power supply occasions. The general voltage is 24V and 36V, and it can be customized if there are other low-voltage requirements. The low-voltage self-limiting temperature electric heating cable is also called the safety voltage electric heating cable. It is suitable for a wide range of occasions, such as anti-freezing and thermal insulation of automobile oil pipes, which can be directly connected to the automobile power supply. The 24V and 36V low-voltage electric heating cables are available in explosion-proof and reinforced versions, which are suitable for use in complex places, [12v trace heating cable](#) .

24V 36V safety low voltage self-limiting temperature electric heating cable structure



1. Wire core; 2. Conductive plastic layer: flame-retardant PTC; 3. Insulation layer: flame-retardant polyolefin

24V 36V safety low voltage self-limiting temperature electric heating cable has the advantages that other heating equipment does not have. The temperature controlled by it will not be too high or too low, because the temperature is automatically adjusted.



24V 36V safety low voltage self-limiting temperature electric heating cable Technical index

1. Working voltage: 24V/36V;
2. Standard colors: black, gray, brown;
3. Temperature range: higher maintenance temperature 65°C; higher surface temperature: 70°C±5°C; higher temperature resistance: improved polyolefin 105°C, flame-retardant polyolefin 135°C; fluorine-containing polyolefin 180°C, full Fluorine material 205°C;
4. Construction temperature: lower: -60°C;
5. Thermal stability: After cycling back and forth 300 times from 10°C to 99°C, the heating value of the electric heating cable is maintained above 90%;
6. Bending radius: 25.4mm at 20°C room temperature; 35.0mm at -30°C low temperature;
7. Insulation resistance: when the cable length is 100m and the ambient temperature is 75°C, shake the meter with 2,500VDC for 1 minute, the insulation resistance (between the lead and shield) is 1200MΩ;
8. Output power at 10°C: 20W/m;

24V 36V safety low voltage self-limiting temperature electric heating cable, which are mainly used for anti-freezing and thermal insulation of automobile oil pipes, cold storage door frames, pipes, and solar water heater pipes. Our company can produce explosion-proof electric heating cables, explosion-proof enhanced, explosion-proof and anti-corrosion electric heating products according to the actual needs of customers. If there is a demand for electric heating cables with other voltages, such as [110v America and Canada use heating cable](#), you can call for customization.