

Parallel Constant Power Heating Cable



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Applications

- Floor heating of buildings, refrigerators and warehouses
- Heating gutters and roof defrosting of ramps

Characteristics

- 1) Good temperature resistance. As a whole, silicone rubber is used as insulating and heat conducting material (including power line), and the working environment temperature is - 60 to ± 200 °C.
- 2) Good thermal conductivity: heat energy can be generated through direct thermal conduction, with high thermal efficiency and short-term heating effect.
- 3) Reliable electrical performance: each electric heating belt is tested by strict DC resistance, immersion high voltage and insulation resistance to ensure the quality.
- 4) Strong structure, flexible and easy to bend; combined with the whole cold tail section, no joint. Reasonable structure, easy to install.
- 5) Strong designability; heating length, lead length, rated voltage and power are determined by users.

Cable Structure

- 1) The heating wire is made of two copper wires with a cross-section of 0,75 mm².
- 2) The isolation layer is made of silicone rubber by extrusion.
- 3) High strength alloy wire spiral and silicone rubber surface become the heating core.
- 4, Sealing cladding by extrusion

Product specifications

The voltage of 36v-240v is determined by the user.

- 1) 30 W/m, withstand voltage AC3500V, maximum limit of 60m
- 2) 40 W/m, withstand voltage AC3500V, maximum limit of 50m
- 3) 50 W/m, withstand voltage AC3500V, the longest limit is 44m

Technical data

Output power: 30W/m; 40W/m; 50W/m

Voltage: 220V

Wire section area: 0.75mm²

Conductor insulating material: silicon rubber

Heating wire: NiCr2080

External insulation: silicon rubber

Maximum length per piece: 60m for 30W/m; 50m for 40W/m; 44m for 50W/m;