



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## High Temperature Resistant Silicone Wire (10AWG 6mm<sup>2</sup> 1m Red & Black)

SKU:FIT0581

### *INTRODUCTION*

This product is high temperature resistant silicone wire with 10AWG and 6mm<sup>2</sup>. It is made of fine tin-plated copper material and not easily oxidized. It adopts the process of mutual twisting, which reduces the signal interference and improves the conductive property. The allowable load voltage is AC600V/DC3KV and the load current reaches 140A. The insulating layer is a silica gel material with excellent performance. The insulating layer is thin but not easy to be broken down. It has elasticity, toughness and acid and alkali resistance. Normally, it can be used at temperatures from -60 ° C to +200 ° C, can be used for robots, ESC, motors, robot arms, aeromodelling, car models, and ship models which require high wire performance.

### **NOTE:**

- The power supply should not exceed the rated voltage to avoid affecting the wire life.
- It should be avoided using over the temperature range of -60 ° C ~ +200 ° C

## *FEATURES*

- High temperature resistant, low temperature resistant , not easy to breakdown, high voltage and high current resistant

## *SPECIFICATION*

- Rated voltage: AC600V/DC3KV
- Allowable current: 140A
- Temperature range: -60 ° C ~ +200 ° C
- Model: 10AWG 6 mm<sup>2</sup>
- Inner core material: 0.08mm (diameter) tinned copper wire
- Insulation material: silica gel

## *SHIPPING LIST*

- High Temperature Resistant Silicone Wire (10AWG 6mm<sup>2</sup> Red 1m) x1
- High Temperature Resistant Silicone Wire (10AWG 6mm<sup>2</sup> Black 1m) x1



<https://www.dfrobot.com/product-1757.html> 8-7-18