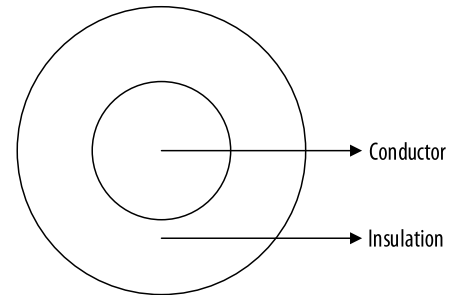


# 0.25mm<sup>2</sup> Silicone Rubber High Temperature Wire



PRODUCT DATA SHEET

A flexible tinned annealed stranded copper conductor, insulated with silicone rubber. Continuous operating temperature -55°C to +200°C.



**Design Number** 10458  
**Part Number** Table 1  
**Customer Number** N/A

## CONSTRUCTION

**Conductor:** Stranded tinned copper  
**Conductor Size:** 0.25mm<sup>2</sup>(50/0.08mm)  
**Conductor Diameter:** 0.65mm (Nom.)  
**Insulation Material:** Silicone rubber  
**Avg. Thickness:** 0.65mm (Nom.)  
**Insulated Diameter:** 2.0±0.10mm  
**Insulation Color:** A variety of colors available

## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** -55°C to +200°C  
**Operating Voltage:** 300/500V  
**Conductor Resistance@20°C:** Max 74 Ω/km  
**Insulation Resistance@20°C:** Min 200 MΩ.Km  
**Current Rating:** 1.4A

**RoHS Compliance:** European Directive 2015/863/EU

Table 1

| Part Number | Insulation Color |
|-------------|------------------|
| 32052022    | Red              |
| 32052025    | Black            |

**Application:** For use in test and monitoring applications where elevated temperatures or harsh environmental operating conditions may be encountered, e.g. radiation, oils, etc

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| Revision History |                   |                 |
|------------------|-------------------|-----------------|
| 00               | 2021/01/11        | Initial release |
| Created L. Jian  | Approved A. Huang |                 |

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