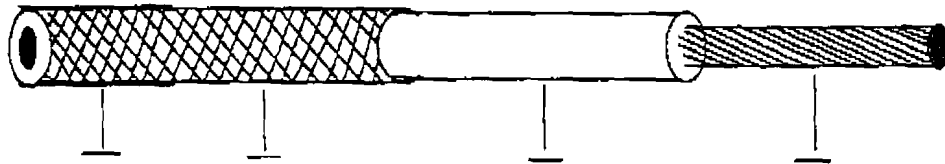


SPECIFICATION

Type : SR-GB Heat Resistant Electrical Wire 300 V 180°C 0.75mm²



Silicone Varnish Coating

Glass Fiber Braid

Silicone Rubber Insulator

Conductor

300V. 3A

Constructure : Tinned copper stranded conductor extruded with Silicone Rubber covered outside with Impregnated-Siliconevarnish Glass Fiber Braid .

Conductor :

Composition of conductor : 30 / 0.18 mm tinned copper stranded .
Diameter of stranding conductor : 1.2 mm .
Cross-sectional area of stranding conductor : Nominal 0.75mm² .

Insulation :

Material of insulation : Compound Silicone Rubber .
Average thickness of insulation : 0.35 mm .
Minimum thickness of insulation at any point : 0.3 mm .
Thickness of Glass Fiber Braid : Aproximate 0.2 mm .

Overall Diameter :

Nominal Overall Diameter : 2.3 mm , tolerance (± 0.15 mm) .

Physical & Electrical Properties :

Unaged :

Average elongation : Over 100 % .
Average tensile strength : Over 500 lbf / in .

After aged : In an air oven with temperatur of 190°C ($\pm 1^\circ\text{C}$) for 60 days .

Average elongation : 25 % of the result with unaged specimens .
Average tensile strength : 60 % of the result with unaged specimens .

Resistance of conductor : Maximum 25.8 ohms per 1,000 M . (at 20°C) .

Dielectric Test : 1,500 V for 1 min . No Breakdown .

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