

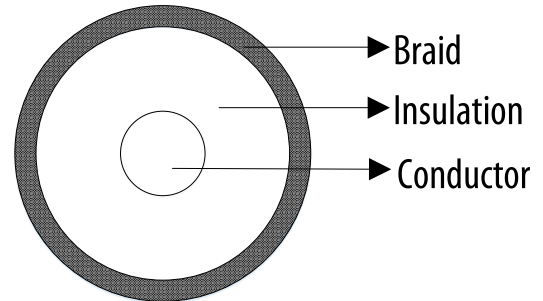
0.75mm² Silicone Rubber Insulated Glass-fibre Wire

SIAF-GL 300/500V



PRODUCT DATA SHEET

SIAF-GL silicone rubber insulated cables are suitable for use in high flexibility and high temperature conditions. They are mainly used in medium voltage motors and generators, which are used to connect the stator coil to the junction box. Light fuel oils and most types of cleaning agents. In the event of fire, the silicone jacket will not give off corrosive or toxic gases and is low smoke as well.



Design Number 10459
Part Number 32052432
Customer Number N/A

CONSTRUCTION

Conductor: Stranded tinned copper
Conductor Size: 0.75mm²(24/0.20mm)
Conductor Diameter: 1.15mm(Nom.)
Insulation Material: Silicone rubber
Avg. Thickness: 0.50mm(Nom.)
Insulated Diameter: 2.15mm
Braid: Silicone impregnated glass fibre
Outer Diameter: 2.50mm

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): -55°C to +200°C
Peak Temperature: +200°C for short time
Operating Voltage: 300/500V
Conductor Resistance@20°C: Max 26.7 Ω/km
Insulation Resistance@20°C: Min 200 MΩ.Km
Dielectric Strength: AC 2kV/5 min
Min Bending Radius: 5x OD

RoHS Compliance: European Directive 2015/863/EU

Application: Used for wind energy converters, transformers, solar inverters and other medium voltage/low voltage cabinets

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

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