

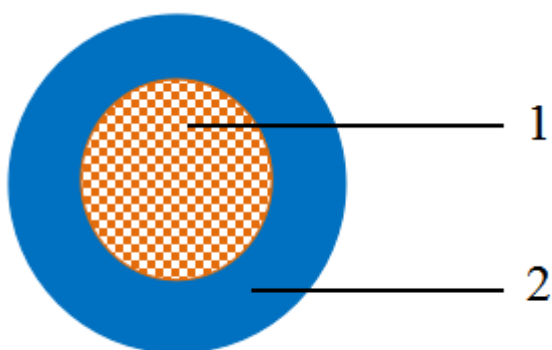
## Datasheet

Wire model : AGR-TR (Silicone rubber insulated wire)

Stock No: 2101253



Cross Section



1	Conductor
2	Insulation

## Physical characteristics

### Conductor

Conductor section	2.5mm <sup>2</sup>
Conductor material	Tinned copper wire
Conductor structure	462/0.08
Diameter of a single conductor	0.08 ± 0.005
Conductor dimension	1.98 ± 0.10 mm

### Insulation

Insulation material	Silicone Rubber
Insulation thickness	0.95
Insulation dimension	3.90 ± 0.15mm
Insulation color	Blue

### Mechanical Physical Properties

Operating temperature range	-55°C ~ +200°C
Insulation tensile strength	≧ 5 MPa
Insulation elongation	≧ 150%

### Electrical properties

Max. operating voltage	300/500V
Max. conductor DC resistance	8.02 Ω/km (@ 20 °C)
Wire withstand voltage test	1500V/min