



ENGLISH

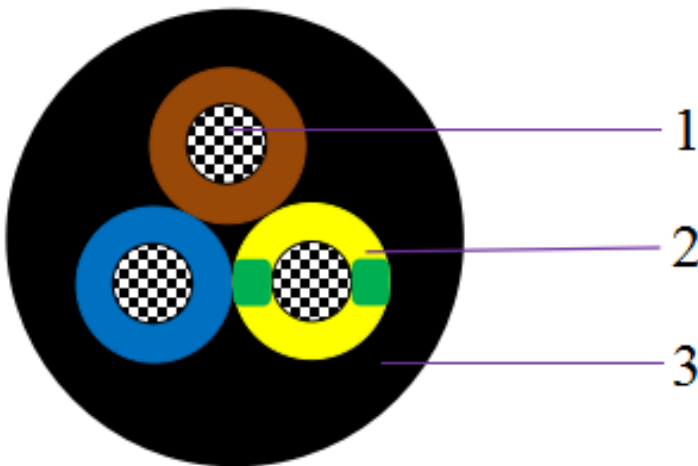
## Datasheet

Wire model : YGZ (Silicone rubber insulated and sheathed cable)

Stock No: 2101248



Cross Section



1	Conductor
2	Insulation
3	Jacket

## Physical characteristics

<b>Conductor</b>	Conductor section	$3 \times 1.5\text{mm}^2$
	Conductor material	Tinned copper wire
	Conductor structure	30/0.25
	Diameter of a single conductor	$0.25 \pm 0.008$
	Conductor dimension	$1.58 \pm 0.10$ mm
<b>Insulation</b>	Insulation material	Silicone Rubber
	Insulation thickness	0.70mm
	Insulation dimension	$3.00 \pm 0.10$ mm
	Insulation color	Blue、Brown、Yellow/Green
<b>Jacket</b>	Jacket material	Silicone Rubber
	Jacket thickness	1.20mm
	Jacket dimension	$8.50 \pm 0.50$ mm
	Color	Black
<b>Mechanical Physical Properties</b>	Operating temperature range	$-60^\circ\text{C} \sim +200^\circ\text{C}$
	Insulation tensile strength	$\geq 5$ MPa
	Insulation elongation	$\geq 150\%$
	Jacket tensile strength	$\geq 5$ MPa
	Jacket elongation	$\geq 150\%$
<b>Electrical properties</b>	Max. operating voltage	450/750V
	Max. conductor DC resistance	$13.7 \ \Omega/\text{km}$ (@ $20^\circ\text{C}$ )
	Wire withstand voltage test	2000V/min

### Marking

YGZ 3 \* 1 . 5mm<sup>2</sup>

- Notes: 1. Marking type: Print Wheel  
 2. Marking height: 2.3mm  
 3. Marking color: White