



ENGLISH

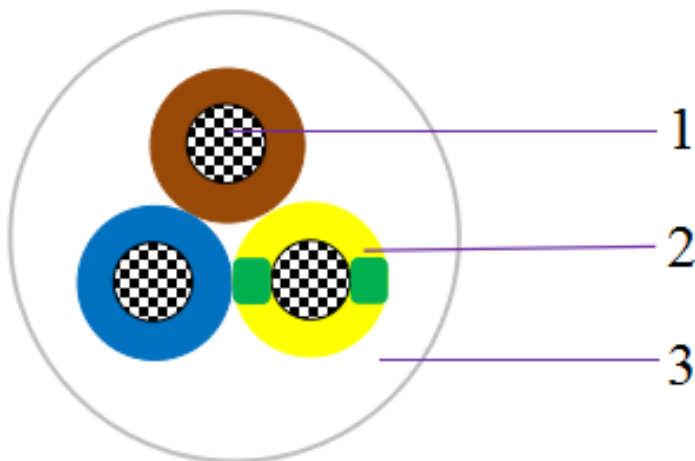
Datasheet

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

Stock No: 2101247



Cross Section



1	Conductor
2	Insulation
3	Jacket

Physical characteristics

Conductor	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 ± 0.008
	Conductor dimension	1.58 ± 0.10 mm
Insulation	Insulation material	Silicone Rubber
	Insulation thickness	0.70mm
	Insulation dimension	3.00 ± 0.10 mm
	Insulation color	Blue、Brown、Yellow/Green
Jacket	Jacket material	Silicone Rubber
	Jacket thickness	1.20mm
	Jacket dimension	8.50 ± 0.50 mm
	Color	White
Mechanical Physical Properties	Operating temperature range	$-60^\circ\text{C} \sim +200^\circ\text{C}$
	Insulation tensile strength	≥ 5 MPa
	Insulation elongation	$\geq 150\%$
	Jacket tensile strength	≥ 5 MPa
	Jacket elongation	$\geq 150\%$
Electrical properties	Max. operating voltage	450/750V
	Max. conductor DC resistance	$13.7 \ \Omega/\text{km}$ (@ 20°C)
	Wire withstand voltage test	2000V/min

Marking

YGZ 3 * 1 . 5mm²

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