



ENGLISH

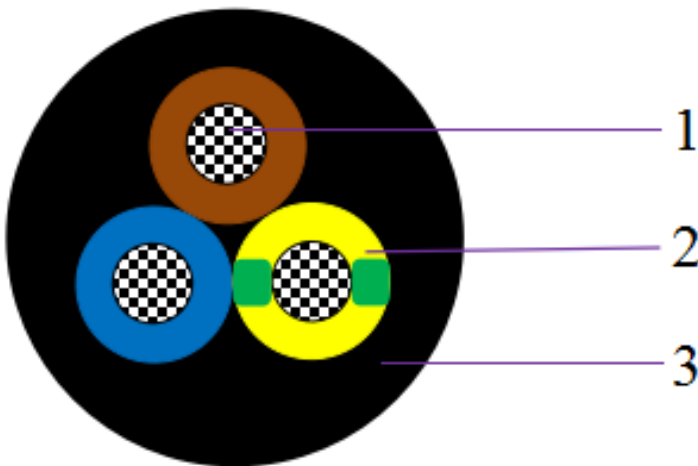
Datasheet

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

Stock No: 2101250



Cross Section



1	Conductor
2	Insulation
3	Jacket

Physical characteristics

Conductor	Conductor section	$3 \times 0.75\text{mm}^2$
	Conductor material	Tinned copper wire
	Conductor structure	24/0.20
	Diameter of a single conductor	0.20 ± 0.008
Insulation	Conductor dimension	$1.13 \pm 0.10 \text{ mm}$
	Insulation material	Silicone Rubber
	Insulation thickness	0.70mm
	Insulation dimension	$2.60 \pm 0.10 \text{ mm}$
Jacket	Insulation color	Blue、Brown、Yellow/Green
	Jacket material	Silicone Rubber
	Jacket thickness	1.20mm
	Jacket dimension	$7.80 \pm 0.50 \text{ mm}$
Mechanical Physical Properties	Color	Black
	Operating temperature range	$-60^\circ\text{C} \sim +200^\circ\text{C}$
	Insulation tensile strength	$\geq 5 \text{ MPa}$
	Insulation elongation	$\geq 150\%$
Electrical properties	Jacket tensile strength	$\geq 5 \text{ MPa}$
	Jacket elongation	$\geq 150\%$
	Max. operating voltage	450/750V
	Max. conductor DC resistance	$26.7 \ \Omega/\text{km} \ (\text{@ } 20 \ ^\circ\text{C})$
	Wire withstand voltage test	2000V/min

Marking

YGZ 3 * 0 . 75mm²

- Notes: 1. Marking type: Print Wheel
 2. Marking height: 2.1mm
 3. Marking color: White