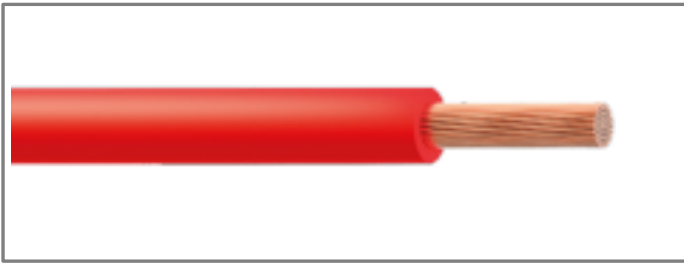
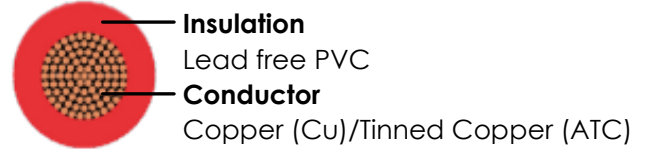


BalajiWires-WTA Cable, PVC Insulated 85°C as per SAE J1678



Product Construction



Applications

- ✓ Low-voltage Cable is designed for used at nominal Voltage of 60 V DC (60 V AC rms) or surface vehicles electrical systems

Features

- ✓ Flexible & excellent resistance to oil and flame
- ✓ Flexible copper conductor with thin wall insulation for reduced weight and flexibility.
- ✓ Easy of Routing.

Technical Data

Standard	SAE J1678
Nominal Voltage	25 VAC & 60 VDC
Temperature Range	-40°C to +85°C

Certifications & Compliance



Cable Design Parameters

Nominal Cross sectional (In sq mm)	No of strand (in no) and single strand diameter (in mm)	Maximum Conductor diameter (mm)	Resistance at 20°C (mΩ/m)	Insulation thickness (mm)	Outer Diameter of Cable (mm)
			Maximum	Nominal	Maximum
0.35	7/0.25	0.76	53.90	0.20	1.35
0.5	7/0.32	0.97	34.30	0.20	1.55
0.8	19/0.23	1.17	23.00	0.20	1.75
1.3	19/0.28	1.45	15.50	0.20	2.03
2	19/0.36	1.80	9.44	0.20	2.39
3	19/0.45	2.30	6.00	0.24	3.00

Note

We can provide the following variants:-

Variant 1 - Flexible copper construction for enhanced flexibility & improved bending radius.

Variant 2 - Higher temperature up to 150°C with higher current rating

Variant 3 - Copper alloy conductor for high tensile & high flex

Please contact us at rnd@balajiwires.in for more information.

Disclaimer: REACH compliance should be considered as customer specific requirement and must be specified at time enquiry if required. The information contained in this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting the cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances