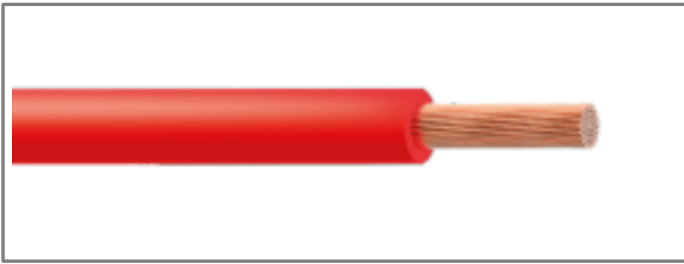
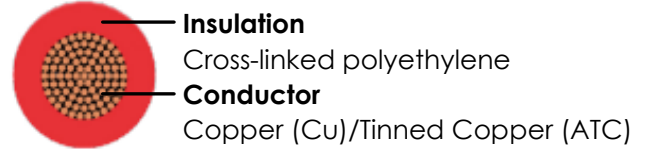


BalajiWires-AESSX Cable, Crosslinked Polyethylene Insulated 120°C as per JASO D 611



Product Construction



Applications

- ✓ Wire harness of low-tension electric circuits for Automobiles.
- ✓ Used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.
- ✓ Especially used for circuits requiring heat resistance.

Features

- ✓ Flame retardant & heat resistant
- ✓ Highly resistant against acids, petrol and diesel
- ✓ Flexible conductors with cross linked polyethylene very thin wall insulation for smaller diameter, lesser weight and ease of routing
- ✓ Electron beam cross linked

Technical Data

Standard	JASO D 611
Nominal Voltage	25 VAC & 60 VDC
Test Voltage	3 KV For < 0.5 SQ MM & 5 KV FOR > = 0.5 SQ MM
Temperature Range	-40°C to +120°C

Certifications & Compliance



Cable Design Parameters

Nominal Cross sectional (In sq mm)	No of strand (in no) and single strand diameter (in mm)	Approximate Conductor diameter (mm)	Conductor Resistance at 20°C (mΩ/m)	Insulation thickness (mm)		Outer Diameter of Cable (mm)	
			Maximum	Standard	Minimum	Standard	Maximum
0.3 f	19/0.16	0.8	48.80	0.30	0.24	1.40	1.50
0.5 f	19/0.19	1.0	34.60	0.30	0.24	1.60	1.70
0.75 f	19/0.23	1.20	23.60	0.30	0.24	1.80	1.90
1.25 f	37/0.21	1.50	14.60	0.30	0.24	2.10	2.20
2 f	37/0.26	1.80	9.50	0.40	0.32	2.60	2.70

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