

Application

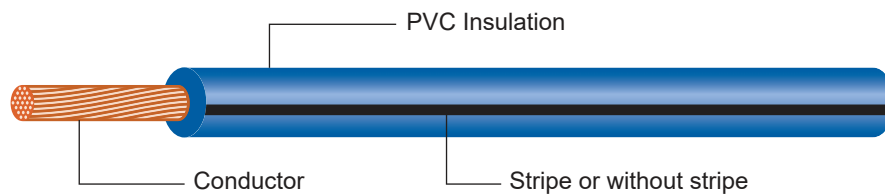
Mainly used in low-voltage circuits for automobiles (vehicles and motorcycles).

A : Low-voltage wires for automobiles V : Polyvinyl Chloride

Product Description

- Standard** Conformity to **JIS C3406 and JASO D611**
- Conductor** Stranded bare copper 0.50 - 8.0 mm²
- Temp. Rate** 80 °C
- Insulation** Heat resistant PVC which is RoHS Complied wire.
Color code with and without stripe

Construction



IATF 16949 : 2016

Nominal Size *1	Conductor (Annealed copper stranded conductors)			Insulation	Overall diameter		Conductor Resistance (20°C) Ω/Km	Current Limit (A) *2	Approx. Weight (Kg/Km)	Standard Put - Up (M/coil) *3
	Construction (No./mm)	Calculated area (mm ²)	Outer Diameter (mm)	Thickness (mm)	Standard (mm)	Max. (mm)				
AV										
0.5	7/0.32	0.56	1.00	0.60	2.30	2.40	32.70	13	5.36	500
0.85	11/0.32	0.88	1.20	0.60	2.50	2.60	20.80	18	7.19	500
1.25	16/0.32	1.28	1.50	0.60	2.80	2.90	14.30	24	9.71	500
2.0	26/0.32	2.09	1.90	0.60	3.25	3.40	8.81	33	14.48	500
3.0	41/0.32	3.29	2.40	0.70	3.95	4.10	5.99	45	22.20	500
5.0	65/0.32	5.22	3.00	0.80	4.75	4.90	3.52	58	33.91	500
8.0	50/0.45	7.95	3.70	0.90	5.65	5.80	2.32	75	50.15	500
AVF										
0.5f	20/0.18	0.50	0.90	0.60	2.30	2.40	3.27	13	5.15	500
0.75f	30/0.18	0.76	1.10	0.60	2.50	2.60	2.24	15	6.71	500
1.25f	50/0.18	1.27	1.50	0.60	2.80	2.90	1.47	24	9.65	500

* 1 The "f" in the nominal size column indicates a flexible conductor with a finer wire diameter.

* 2 The Current limit data is for conductor temperature of 80C (maximum allowable temperature) and an ambient temperature of 40C

* 3 Standard packing shapes shall be coils.