

Application

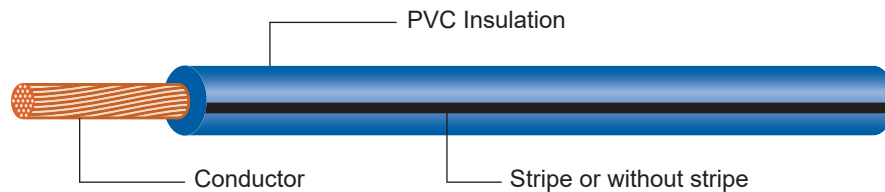
Mainly used in low-voltage circuits for automobiles (vehicles and motorcycles).

A : Low-voltage wires for automobiles V : Polyvinyl Chloride S : Thin Type F: Flexible conductor

Product Description

- Standard** Conformity to **JASO D611**
- Conductor** Strand and bare copper 0.30 - 5.0 mm²
- Temp. Rate** 80 °C
- Insulation** Heat resistant PVC which is RoHS Complied wire.
Color code with or without stripe or ring mark
Ring mark number : 0.5 mm² is one and 0.30 mm² is two

Construction



IATF 16949 : 2016

Nominal size *1	Conductor (Annealed copper stranded conductors)			Insulation Thickness (mm)	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)		Standard (mm)	Max. (mm)				
AVS										
0.3	7/0.26	0.37	0.80	0.50	1.83	1.90	50.20	10	3.45	500
0.5	7/0.32	0.56	1.00	0.50	2.03	2.10	32.70	13	4.66	500
0.85	16/0.26	0.84	1.20	0.50	2.23	2.30	22.00	18	6.29	500
0.85	11/0.32	0.88	1.20	0.50	2.23	2.30	20.80	18	6.42	500
1.25	16/0.32	1.28	1.50	0.50	2.53	2.60	14.30	24	8.85	500
2.0	26/0.32	2.09	1.90	0.50	3.00	3.10	8.81	33	13.54	500
3.0	41/0.32	3.29	2.40	0.60	3.70	3.80	5.59	45	4.21	100
5.0	65/0.32	5.22	3.00	0.70	4.50	4.60	3.52	58	6.50	100
AVSF										
0.3 f	15/0.18	0.38	0.80	0.50	1.80	1.90	48.90	10	3.42	500
0.5 f	20/0.18	0.50	0.90	0.50	2.00	2.10	36.70	13	4.37	500
0.75 f	30/0.18	0.76	1.10	0.50	2.20	2.30	24.40	15	5.87	500
1.25 f	50/0.18	1.27	1.50	0.50	2.50	2.60	14.70	18	8.70	500
2.0 f	37/0.26	1.96	1.80	0.50	2.90	3.10	9.50	24	12.70	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 80 °C (maximum allowable temperature) and an ambient temperature of 40 °C

*3 Standard packing shapes shall be coils. However, the products which length are indicated in () shall be wound on drums