



Application

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

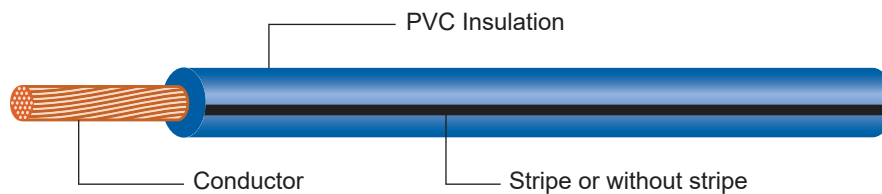
"AVSSH is non cross-linking heat resistance wires which have heat resistance (100%) as same as AVSSX"

A : Low-voltage wires for automobiles V : Polyvinyl Chloride SS : Very thin Type F: Flexible conductor H : Heat resistant

Product Description

- Standard** Conformity to **JASO D611**
- Conductor** Strand and bare copper 0.30 - 5.0 mm²
- Temp. Rate** AVSS and AVSS 80°C, AVSSH 100°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 , AVSSH is no ring mark

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)				
AVSS										
0.3	7/0.26	0.37	0.80	0.30	1.40	1.50	50.20	10	2.67	500
0.5	7/0.32	0.56	1.00	0.30	1.63	1.70	32.70	13	3.78	500
0.85	19/0.24	0.85	1.20	0.30	1.83	1.90	21.70	18	5.36	500
0.85	7/0.4	0.87	1.20	0.30	1.83	1.90	20.80	18	5.43	500
1.25	19/0.29	1.25	1.50	0.30	2.13	2.20	14.90	24	7.61	500
2.0	19/0.37	2.04	1.90	0.40	2.73	2.80	9.00	33	12.43	500
AVSSF										
0.3f	19/0.16	0.38	0.80	0.30	1.40	1.50	48.80	10	2.66	500
0.5f	19/0.19	0.53	1.00	0.30	1.60	1.70	34.60	13	3.63	500
0.75f	19/0.23	0.78	1.20	0.30	1.80	1.90	23.60	15	5.02	500
1.25f	37/0.21	1.28	1.50	0.30	2.10	2.20	14.60	18	7.64	500
2.0f	37/0.26	1.96	1.80	0.40	2.60	2.70	9.50	24	11.71	500
AVSSH *4										
0.3f	19/0.16	0.38	0.80	0.30	1.40	1.50	48.80	10	2.66	500
0.5f	19/0.19	0.53	1.00	0.30	1.60	1.70	34.60	13	3.63	500
0.75f	19/0.23	0.78	1.20	0.30	1.80	1.90	23.60	15	5.02	500
1.25f	37/0.21	1.28	1.50	0.30	2.10	2.20	14.60	18	7.64	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

* 4 NO Marking