

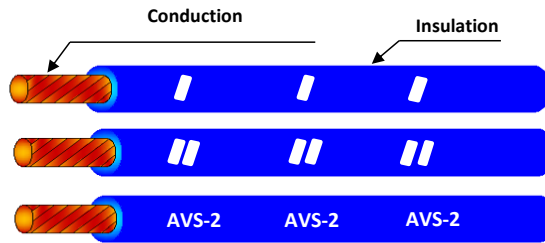
APPLICATION

Wires used in low voltage circuits in automobiles(vehicles and motorcycles)
 A : Low-voltage wire for automobiles
 V : Vinyl
 S : Thin type

FEATURES

Constructed thinner than AV wires while providing equivalent performance , for lighter weight and smaller dialler applications.
 Standard to JASO D611

CONSTRUCTION AND PERFORMANCE



Conductor (Annealed copper stranded conductors)		Insulation Thickness (mm)	Overall Diameter		Identification marking Code	Conductor resistance (20°C) (mW / m)	Current *1 limit (A)	Approx. weight (g / m)	Standard *2 length (m)		
size	Construction (No. / mm)		Calculated area (mm ²)	Outer Diameter (mm)						Standard (mm)	Max. (mm)
0.3f	15/0.18	0.3817	0.8	0.5	1.8	1.9	AVSF-0.3	48.9	9	6	1,500
0.3	7/0.26	0.3716	0.8	0.5	1.8	1.9	AVS-0.3	50.2	9	6	1,500
0.5f	20/0.18	0.5087	1	0.5	2.0	2.1	AVSF-0.5	36.7	12	8	1,000
0.5	7/0.32	0.5629	1	0.5	2.0	2.1	AVS-0.5	32.7	12	8	1,000
0.75f	30/0.32	0.763	1.2	0.5	2.2	2.3	AVSF-0.75	24.4	16	12	800
0.85	11/0.32	0.8846	1.2	0.5	2.2	2.3	AVS-0.85	20.8	16	12	800
1.25f	50/0.18	1.273	1.5	0.5	2.5	2.6	AVSF-1.25	14.7	20	16	600
1.25	16/0.32	1.287	1.5	0.5	2.5	2.6	AVS-1.25	14.3	20	16	600
2f	37/0.26	1.964	1.9	0.5	2.9	3.1	AVSF-2	9.5	26	24	500
2.0	26/0.32	2.091	1.9	0.5	2.9	3.1	AVS-2	8.81	27	23	500
3.0	41/0.32	3.297	2.4	0.6	3.6	3.87	AVS-3	5.59	37	39	300
5.0	65/0.32	5.228	3	0.7	4.4	4.6	AVS-5	3.52	50	59	200

*1 The current limit data is for conductor temperature of 80°C (Maximum allowable temperature) and an ambient temperature of 40°C

*2 Standard packing shapes shall be coils



Restriction of Hazardous Substances



Registration Evaluation and Authorization of Chemicals



Flameability Resistance



Abrasion Resistance



Chemical Resistance