

PVC insulated, non-sheathed cables for automotives, AVS

A: Low-tension cables for automobiles.

V: Vinyl insulated.

S: Thin-wall type.

Application:

Wire harness of low-tension electric circuits for automobiles and motorcycles.

Standard:

-JASO D 611-94

Construction:

- Plain or tinned annealed stranded copper conductor.

- PVC insulation.

General specification:

- Working temperature: Max 80°C.

- Resistant to oil, abrasion, cold and flame.

- Excellent flexibility.

- Available in colors and stripes.

Cross-sectional area Nom. mm ²	No. of wires x diameter Nom. mm	Conductor diameter mm	Insulation thickness mm	Mean overall diameter mm	Conductor resistance at 20°C Max. Ω/km	Current limit ^b Nom. A	Weight Approx. kg/km
0.3f ^a	15 x 0.18	0.8	0.5	1.8	48.9	9	6
0.3	7 x 0.26	0.8	0.5	1.8	50.2	9	6
0.5f	20 x 0.18	1.0	0.5	2.1	36.7	11	8
0.5	7 x 0.32	1.0	0.5	2.0	32.7	12	9
0.75f	30 x 0.18	1.2	0.5	2.2	24.4	14	11
0.85f	34 x 0.18	1.2	0.5	2.2	21.6	15	12
0.85	16 x 0.26	1.2	0.5	2.2	22.8	15	12
0.85	11 x 0.32	1.2	0.5	2.2	20.8	15	12
1.25f	50 x 0.18	1.5	0.5	2.5	14.7	20	16
1.25	16 x 0.32	1.5	0.5	2.5	14.3	20	16
2f	37 x 0.26	1.8	0.5	2.9	9.50	26	23
2	26 x 0.32	1.9	0.5	2.9	8.81	27	24
3	41 x 0.32	2.4	0.6	3.6	5.59	37	38
5	65 x 0.32	3.0	0.7	4.4	3.52	50	59

^a The "f" indicates a flexible conductor with a finer wire diameter.

^b Current limit is for conductor temperature of 80°C (maximum allowable temperature) and ambient temperature of 40°C.