

Thin-wall PVC insulated, non-sheathed cable for automotive, AVS



A: Low-tension cable 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

Construction:

- Plain or tinned annealed stranded copper conductor.
- PVC insulation type T1.

General specification:

- Working temperature: Max. 80°C.
- Resistant to oil, abrasion, cold and flame.
- Excellent flexibility.
- Available in colors and stripes.

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

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

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