

PVC insulated, non-sheathed cable for automotive, AV



A: Low-tension cable for automobiles.

V: Vinyl insulated.

Application:

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

Standard:

- JIS C 3406
- KS C 3311

Construction:

- Plain or tinned annealed stranded copper conductor.
- PVC insulated 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
0.5f [†]	20 x 0.18	1.0	0.6	2.2	8	12	36.7
0.5	7 x 0.32	1.0	0.6	2.2	9	12	32.7
0.75f	30 x 0.18	1.2	0.6	2.4	12	15	24.4
0.85f	34 x 0.18	1.2	0.6	2.4	12	16	20.8
0.85	11 x 0.32	1.2	0.6	2.4	12	16	21.6
1.25f	50 x 0.18	1.5	0.6	2.7	17	21	14.7
1.25	16 x 0.32	1.5	0.6	2.7	17	20	14.3
2f	37 x 0.26	1.8	0.6	3.0	25	27	9.50
2	26 x 0.32	1.9	0.6	3.1	25	28	8.81
3	41 x 0.32	2.4	0.7	3.8	39	38	5.59
5	65 x 0.32	3.0	0.8	4.6	60	51	3.52
8	50 x 0.45	3.7	0.9	5.5	90	66	2.32
10	63 x 0.45	4.5	1.0	6.5	120	80	1.75
15	84 x 0.45	5.4	1.1	7.6	150	92	1.38
20	41 x 0.80	6.1	1.1	8.3	220	121	0.887
30	70 x 0.80	8.0	1.4	10.8	390	168	0.520
40	85 x 0.80	8.6	1.4	11.4	460	188	0.428

*: 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.