

## PVC insulated, non-sheathed cables for automotives, AV

A: Low-tension cables 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.

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

<sup>a</sup> The "f" indicates a flexible conductor with a finer wire diameter.

<sup>b</sup> Current limit is for conductor temperature of 80°C (maximum allowable temperature) and ambient temperature of 40°C.