

Copper conductor, PVC-T1 insulated automotive wires

It is used for wiring inside cars. The insulation used in the structure of automotive wires has a high working temperature

Standard: ISIRI 2701
(PSA PEUGEOT CITROEN)



automotive wires (Av)

Nominal size (mm ²)	Construction conductor (No-mm)	Insulation thickness (mm)	Approx. overall diameter (mm)	Conductor resistance at 20°C (Ω/km)	Approx. cable weight (kg/km)	Standard length (m)
0.5	16×0.2	0.5	2.2	37.10	9	100
0.5	7×0.3	0.6	2.2	37.10	9	100
0.65	9×0.3	0.6	2.5	29.35	11	100
0.7	14×0.25	0.6	2.5	27.15	11	100
0.8	11×0.3	0.6	2.5	24.00	13	100
1.0	14×0.3	0.6	2.7	18.84	15	100
1.5	21×0.3	0.6	3.1	12.57	21	100
2.0	28×0.3	0.6	3.4	9.42	26	100
2.5	35×0.3	0.7	3.8	7.54	33	100
3.0	44×0.3	0.8	4.2	6.00	41	100
4.0	56×0.3	0.9	4.6	4.71	52	100
4.5	65×0.3	1.0	5.1	4.06	61	100
6.0	84×0.3	1.0	5.9	3.14	80	100
7.0	97×0.3	1.0	6.2	2.72	92	100
8.0	120×0.3	1.2	7.0	2.20	106	100
10.0	80×0.4	1.3	7.5	1.82	121	100

Copper conductor, PVC-T2 insulated automotive wires

It is used for wiring inside cars. The insulation used in the structure of automotive wires has a high working temperature

Standard: JASO D 611-94



automotive wires (Avs)

Nominal size (mm ²)	Construction conductor (No-mm)	Insulation thickness (mm)	Approx. overall diameter (mm)	Conductor resistance at 20°C (Ω/km)	Approx. cable weight (kg/km)	Standard length (m)
0.3	7×0.26	0.5	1.8	50.2	7	100
0.5	7×0.32	0.5	2.0	32.7	9	100
0.85	16×0.26	0.5	2.2	22.0	15	100
1.25	16×0.32	0.5	2.5	14.3	19	100
2.0	26×0.32	0.5	2.9	8.81	24	100
3.0	41×0.32	0.6	3.6	5.59	36	100
5.0	65×0.32	0.7	4.4	3.52	46	100
0.3f	15×0.18	0.5	1.8	48.9	7	100
0.5f	20×0.18	0.5	2.0	36.7	9	100
0.75f	30×0.18	0.5	2.2	24.4	15	100
1.25f	50×0.18	0.5	2.5	14.7	19	100
2.0f	37×0.26	0.5	2.9	9.5	24	100

Copper conductor, PVC-T3 insulated automotive wires

It is used for wiring inside cars. The insulation used in the structure of automotive wires has a high working temperature.

Standard: JASO D 611-94



automotive wires (Avss)

Nominal size (mm ²)	Construction conductor (No-mm)	Insulation thickness (mm)	Approx. overall diameter (mm)	Conductor resistance at 20°C (Ω/km)	Approx. cable weight (kg/km)	Standard length (m)
0.3	0.26×7	0.3	1.4	50.2	5	100
0.5	0.32×7	0.3	1.6	32.7	7	100
0.85	0.24×19	0.3	1.8	21.7	10	100
1.25	0.29×19	0.3	2.1	14.9	14	100
2.0	0.37×19	0.4	2.7	9.0	21	100
0.3f	0.16×19	0.3	1.4	48.8	5	100
0.5f	0.19×19	0.3	1.6	34.6	7	100
0.75f	0.23×19	0.3	1.8	23.6	10	100
1.25f	0.21×37	0.3	2.1	14.6	14	100
2.0f	0.26×37	0.4	2.6	9.5	21	100

Remark: The symbol "f" in column "Nominal size" means flexible conductor.