



JAPANESE THIN WALL WIRE

JASO D611

8 orderable sizes

STANDARD JASO D611	VOLTAGE CLASS 60 V automotive low-voltage circuits	TEMPERATURE CLASS -40 °C to +80 °C typical class
CONDUCTOR Bare or tinned copper conductor	INSULATION / JACKET Thin wall PVC insulation	CROSS-SECTION RANGE 0.35 mm² to 6 mm²

Construction

- 1 ■ **Conductor** – Bare or tinned copper conductor · 30 × Ø0.25 mm
- 2 ■ **Insulation** – PVC · Wall 0.35 mm

Size selection — all available cross-sections

Cable reference	Cross-section	No. and dia. of wires	Conductor dia. max. (mm)	Max DC resistance at 20 °C (Ω/km)	Insulation min. wall (mm)	Overall diameter approx. (mm)	Approx. cable weight (kg/km)
AVS 0.35 mm ²	0.35 mm ²	12/0.20	0.77	52.0	0.25	1.27	4.4
AVS 0.5 mm ²	0.5 mm ²	16/0.20	0.92	37.1	0.25	1.42	5.9
AVS 0.75 mm ²	0.75 mm ²	24/0.20	1.12	24.7	0.30	1.72	8.9
AVS 1.0 mm ²	1.0 mm ²	32/0.20	1.30	18.5	0.30	1.90	11.5
AVS 1.5 mm ²	1.5 mm ²	30/0.25	1.59	12.7	0.35	2.29	17.0
AVS 2.5 mm ²	2.5 mm ²	50/0.25	2.05	7.6	0.35	2.75	27.0
AVS 4 mm ²	4 mm ²	Fine stranded Cu	2.60	4.7	0.50	3.60	44.3
AVS 6 mm ²	6 mm ²	84/0.30	3.18	3.1	0.50	4.18	64.1