



JAPANESE ULTRA 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 Ultra 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 0.25 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)
AVSS 0.35 mm ²	0.35 mm ²	12/0.20	0.77	52.0	0.20	1.17	4.1
AVSS 0.5 mm ²	0.5 mm ²	16/0.20	0.92	37.1	0.20	1.32	5.6
AVSS 0.75 mm ²	0.75 mm ²	24/0.20	1.12	24.7	0.25	1.62	8.5
AVSS 1.0 mm ²	1.0 mm ²	32/0.20	1.30	18.5	0.25	1.80	11.1
AVSS 1.5 mm ²	1.5 mm ²	30/0.25	1.59	12.7	0.25	2.09	16.0
AVSS 2.5 mm ²	2.5 mm ²	50/0.25	2.05	7.6	0.25	2.55	25.8
AVSS 4 mm ²	4 mm ²	Fine stranded Cu	2.60	4.7	0.25	3.10	40.6
AVSS 6 mm ²	6 mm ²	84/0.30	3.18	3.1	0.25	3.68	59.8