



JAPANESE HEAT RESISTANT WIRE

JASO D611

8 orderable sizes

STANDARD JASO D611	VOLTAGE CLASS 60 V automotive low-voltage circuits	TEMPERATURE CLASS -40 °C to +125 °C typical class
CONDUCTOR Bare or tinned copper conductor	INSULATION / JACKET Cross-linked polyethylene insulation	CROSS-SECTION RANGE 0.35 mm ² to 6 mm ²

Construction

- 1** **Conductor** – Bare or tinned copper conductor · 30 × Ø0.25 mm
- 2** **Insulation** – XLPE · Wall 0.50 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)
AEX 0.35 mm ²	0.35 mm ²	12/0.20	0.77	52.0	0.40	1.57	4.6
AEX 0.5 mm ²	0.5 mm ²	16/0.20	0.92	37.1	0.40	1.72	6.1
AEX 0.75 mm ²	0.75 mm ²	24/0.20	1.12	24.7	0.40	1.92	8.7
AEX 1.0 mm ²	1.0 mm ²	32/0.20	1.30	18.5	0.40	2.10	11.2
AEX 1.5 mm ²	1.5 mm ²	30/0.25	1.59	12.7	0.50	2.59	16.9
AEX 2.5 mm ²	2.5 mm ²	50/0.25	2.05	7.6	0.50	3.05	26.8
AEX 4 mm ²	4 mm ²	Fine stranded Cu	2.60	4.7	0.50	3.60	41.5
AEX 6 mm ²	6 mm ²	84/0.30	3.18	3.1	0.50	4.18	60.6