



ALUMINIUM VEHICLE WIRE

ISO 6722

7 orderable sizes

STANDARD ISO 6722	VOLTAGE CLASS 60 V automotive low-voltage circuits	TEMPERATURE CLASS -40 °C to +105 °C typical class
CONDUCTOR Automotive aluminium conductor	INSULATION / JACKET PVC insulation	CROSS-SECTION RANGE 6 mm ² to 70 mm ²

Construction

- 1 **Conductor** – Automotive aluminium conductor · 7 × Ø2.52 mm · IEC 60228 cl.2
- 2 **Insulation** – PVC · 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)
FLALRY 6 mm ²	6 mm ²	Compacted Al strands	3.18	5.05	0.50	4.18	27.0
FLALRY 10 mm ²	10 mm ²	Compacted Al strands	4.10	3.03	0.50	5.10	41.6
FLALRY 16 mm ²	16 mm ²	Compacted Al strands	5.19	1.89	0.50	6.19	62.7
FLALRY 25 mm ²	25 mm ²	Compacted Al strands	6.49	1.21	0.50	7.49	94.7
FLALRY 35 mm ²	35 mm ²	Compacted Al strands	7.68	0.866	0.50	8.68	128.8
FLALRY 50 mm ²	50 mm ²	Compacted Al strands	9.18	0.606	0.50	10.18	178.9
FLALRY 70 mm ²	70 mm ²	Compacted Al strands	10.86	0.433	0.50	11.86	245.7