



THIN WALL VEHICLE WIRE

ISO 6722

8 orderable sizes

STANDARD ISO 6722	VOLTAGE CLASS 60 V automotive low-voltage circuits	TEMPERATURE CLASS -40 °C to +105 °C typical class
CONDUCTOR Bare or tinned copper conductor	INSULATION / JACKET Thin wall PVC 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** – PVC · Wall 0.24 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)
FLRY-B 0.35 mm ²	0.35 mm ²	12/0.20	0.90	52.0	0.20	1.3	4.5
FLRY-B 0.5 mm ²	0.5 mm ²	16/0.20	1.00	37.1	0.22	1.6	6.6
FLRY-B 0.75 mm ²	0.75 mm ²	24/0.20	1.20	24.7	0.24	1.9	9.0
FLRY-B 1.0 mm ²	1.0 mm ²	32/0.20	1.35	18.5	0.24	2.1	11.0
FLRY-B 1.5 mm ²	1.5 mm ²	30/0.25	1.70	12.7	0.24	2.4	16.0
FLRY-B 2.5 mm ²	2.5 mm ²	50/0.25	2.20	7.6	0.28	3.0	26.0
FLRY-B 4 mm ²	4 mm ²	Fine stranded Cu	2.60	4.7	0.50	3.60	44.3
FLRY-B 6 mm ²	6 mm ²	84/0.30	3.18	3.1	0.50	4.18	64.1