



### HEAT RESISTANT VEHICLE WIRE

ISO 6722

8 orderable sizes

<b>STANDARD</b> ISO 6722	<b>VOLTAGE CLASS</b> 60 V automotive low-voltage circuits	<b>TEMPERATURE CLASS</b> -40 °C to +105 °C or specified heat class
<b>CONDUCTOR</b> Bare or tinned copper conductor	<b>INSULATION / JACKET</b> Heat and hot-pressure resistant PVC insulation	<b>CROSS-SECTION RANGE</b> 0.35 mm <sup>2</sup> to 6 mm <sup>2</sup>

#### Construction

- 1 ■ **Conductor** – Bare or tinned copper conductor · 30 × Ø0.25 mm
- 2 ■ **Insulation** – Heat resistant 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)
FLRYW-B 0.35 mm <sup>2</sup>	0.35 mm <sup>2</sup>	12/0.20	0.90	52.0	0.20	1.3	4.5
FLRYW-B 0.5 mm <sup>2</sup>	0.5 mm <sup>2</sup>	16/0.20	1.00	37.1	0.22	1.6	6.6
FLRYW-B 0.75 mm <sup>2</sup>	0.75 mm <sup>2</sup>	24/0.20	1.20	24.7	0.24	1.9	9.0
FLRYW-B 1.0 mm <sup>2</sup>	1.0 mm <sup>2</sup>	32/0.20	1.35	18.5	0.24	2.1	11.0
FLRYW-B 1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	30/0.25	1.70	12.7	0.24	2.4	16.0
FLRYW-B 2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	50/0.25	2.20	7.6	0.28	3.0	26.0
FLRYW-B 4 mm <sup>2</sup>	4 mm <sup>2</sup>	Fine stranded Cu	2.60	4.7	0.50	3.60	44.3
FLRYW-B 6 mm <sup>2</sup>	6 mm <sup>2</sup>	84/0.30	3.18	3.1	0.50	4.18	64.1