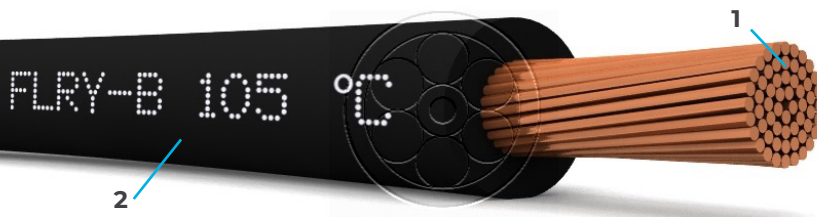
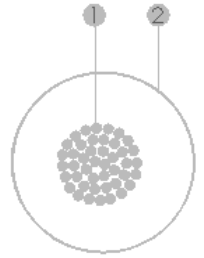


FLRY-B/FLRY-B TYPE with ECE R118 certificate



1. Flexible electrolytic bare copper conductor
2. Class T2/class B PVC insulation



APPLICATIONS



SALCAMI
INDUSTRIE

PVC insulated flexible single core cable that is intended for use on low-voltage electrical installations, systems and components of road vehicles where the heat exposure is not continuous on cable surface.

Technical Data			
Temperature range	- 40 ÷ 105 °C (@ fixed installation)	Suitable for outdoor use	
Rated voltage	50 V _{AC}	Suitable for fixed installation	
Test voltage	3kV _{AC} (≤ 0.50mm ²) 5kV _{AC} (> 0.50mm ²)	Resistance to chemical agents	DIN 72551 Part 5 ISO 6722
Flame resistance	DIN 72551 Part 5 ISO 6722 ECE R118 cert	Resistance to diesel and gasoline	DIN 72551 Part 5 ISO 6722
Bending radius	≥ 10 x D (@ fixed installation)	Resistance to engine oil	DIN 72551 Part 5 ISO 6722

Size conductor [mm ²]	Conductor stranding [N° x mm]	Electrical resistance [Ω / Km]	Diameter on insulation [mm]	Radial thickness of insulation [mm]
0.35	12 x 0.193	≤ 52.0	1.25 ± 0.1	≥ 0.20
0.50	16 x 0.200	≤ 37.1	1.5 ± 0.1	≥ 0.22
0.75	24 x 0.200	≤ 24.7	1.8 ± 0.1	≥ 0.24
1	32 x 0.200	≤ 18.5	2.05 ± 0.1	≥ 0.24
1.5	30 x 0.245	≤ 12.7	2.35 ± 0.1	≥ 0.24
2.5	50 x 0.245	≤ 7.6	2.9 ± 0.1	≥ 0.28
4	56 x 0.300	≤ 4.7	3.6 ± 0.1	≥ 0.32
6	84 x 0.300	≤ 3.1	4.2 ± 0.1	≥ 0.32

TYPE FLRY-B (constructions not included in the standard DIN 72551 Part 5)

Size conductor [mm ²]	Conductor stranding [N° x mm]	Electrical resistance [Ω / Km]	Diameter on insulation [mm]	Radial thickness of insulation [mm]
2	28 x 0.300	≤ 8.95	2.7 ± 0.1	≥ 0.30
10	136 x 0.300	≤ 1.91	6.2 ± 0.2	≥ 0.48
16	210 x 0.300	≤ 1.21	7.0 ± 0.2	≥ 0.52
25	322 x 0.300	≤ 0.780	9.0 ± 0.2	≥ 0.52
35	455 x 0.300	≤ 0.554	10.2 ± 0.2	≥ 1.04
50	646 x 0.300	≤ 0.386	12.2 ± 0.2	≥ 1.2
70	912 x 0.300	≤ 0.386	14.0 ± 0.3	≥ 1.4

Standard reference

DIN 72551 Sheet No. 5, DIN 72551 Sheet No. 6, ISO 6722, FIAT Auto requirement No. 9.91107, ECE Type – Approval Certificate No. E24*118R04/01*0496*00 issued by CSI

Stranding of conductor

Flexible electrolytic bare copper conductor conforming to DIN 72551 Sheet 6 standard (up to 6 mm² conductor size)

Insulation

105°C rated PVC complies with Sheet No. 5 of standard DIN 72551, T2 class as per 9.91107 requirements and B class as per ISO 6722 standard: hardness (92 ± 2) Sh-A up to 25 mm², (84 ± 2) Sh-A starting from 35 mm²

Color of insulation

In compliance with FIAT requirements No. 91107/18 or on customer's request

Marking

Without any marking