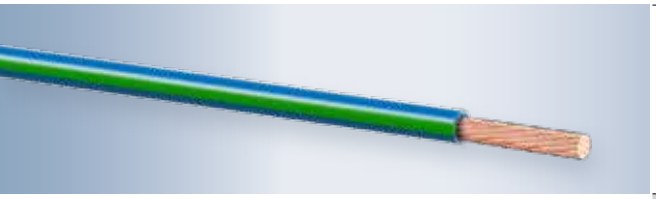
FLR4Y with thin wall PA insulation

Type A / Type B



Temperature range (3,000 hrs)

–40 °C to +105 °C

Construction / materials

Conductor: Soft-annealed electrolytic copper Cu-ETP1 according to DIN EN 13602, bare or tinned conductor constr. acc. to ISO 6722-1

Insulation: PA (Polyamide)

Special properties

- Outstanding fuel resistance
- Especially suitable as fuel gauge wire

Nominal cross-section	Conductor construction: No. of strands	Conductor construction: Diam. of single wire max.	Conductor construction: Diam. of conductor max.	Electr. resistance at 20 °C bare/tinned max.	Insulation: Wall thickness min.	Cable: Outer diameter max.	Cable: Outer diameter limit tolerance	Cable: Weight approx.
mm²		mm	mm	mΩ/m	mm	mm	mm	kg/km
FLR4Y – Type A								
0.35	7	0.26	0.8	54.4 / 55.5*	0.20	1.3	–0.1	4
0.5	19	0.19	1.0	37.1 / 38.2	0.22	1.6	–0.2	6
0.75	19	0.23	1.2	24.7 / 25.4	0.24	1.9	–0.2	8
1	19	0.26	1.35	18.5 / 19.1	0.24	2.1	–0.2	11
1.5	19	0.32	1.7	12.7 / 13.0	0.24	2.4	–0.2	15
2.5	19	0.41	2.2	7.6 / 7.8	0.28	3.0	–0.3	24
FLR4Y – Type B								
0.35	12	0.21	0.9	54.4 / 55.5*	0.20	1.4	–0.2	4
0.5	16	0.21	1.0	37.1 / 38.2	0.22	1.6	–0.2	6
0.75	24	0.21	1.2	24.7 / 25.4	0.24	1.9	–0.2	8
1	32	0.21	1.35	18.5 / 19.1	0.24	2.1	–0.2	11
1.5	30	0.26	1.7	12.7 / 13.0	0.24	2.4	–0.2	15
2.5	50	0.26	2.2	7.6 / 7.8	0.28	3.0	–0.3	24
4	56	0.31	2.75	4.71 / 4.8	0.32	3.7	–0.3	40

* Also available with resistance values 52.0 / 53.1 mΩ/m bare / tinned.

FLRYH with thin wall PVC insulation

fine wire, highly flexible

Temperature range (3,000 hrs)

–40 °C to +105 °C

Construction / materials

Conductor: Soft-annealed electrolytic copper Cu-ETP1 acc. to DIN EN 13602, fine wire, bare

Insulation: Soft-PVC, with properties according to ISO 6722-1, Class B

Special properties

Flexible strand structure

Standards / specifications

LV 112-1

Nominal cross-section	Conductor construction: No. of strands*	Conductor construction: Diam. of single wire*** max.	Conductor construction: Diam. of conductor max.	Electrical resistance at 20 °C max.	Insulation: Wall thickness min.	Cable: Outer diameter max.	Cable: Outer diameter limit tolerance	Cable: Weight approx.
mm²		mm	mm	mΩ/m	mm	mm	mm	kg/km
0.35	45	0.11	0.9	54.4**	0.20	1.4	–0.2	5
0.5	64	0.11	1.0	37.1	0.22	1.6	–0.2	6
0.75	96	0.11	1.2	24.7	0.24	1.9	–0.2	9
1	126	0.11	1.35	18.5	0.24	2.1	–0.2	12
1.5	196	0.11	1.7	12.7	0.24	2.4	–0.2	16
2.5	315	0.11	2.2	7.6	0.28	3.0	–0.3	27
4	126	0.21	2.75	4.71	0.32	3.7	–0.3	42
6	189	0.21	3.4	3.1	0.32	4.3	–0.3	68
10	324	0.21	4.5	1.82	0.48	5.8	–0.4	118
16	518	0.21	5.5	1.16	0.52	7.0	–0.5	174
25	798	0.21	7.0	0.743	0.64	8.8	–0.6	263
35	1107	0.21	8.3	0.527	0.8	10.5	–0.7	377

* Slight deviations in the number of strands are permissible (± 5 %) with adherence to the electrical resistance and the max. single wire diameter.

** Also available with a resistance of 52.0 mΩ/m.

*** Also available in highly flexible version.