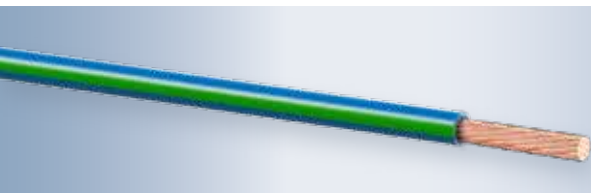


FLR4Y with thin wall PA insulation

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				Insulation	Cable			
	No. of strands	Diam. of single wire max.	Diam. of conductor max.	Electr. resistance at 20 °C bare/tinned max.		Wall thickness min.	Outer diameter		Weight approx.
							max.	Limit tolerance	
mm ²		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				Insulation	Cable			
	No. of strands*	Diam. of single wire***	Diam. of conductor max.	Electrical resistance at 20 °C max.		Wall thickness min.	Outer diameter		Weight approx.
							max.	Limit tolerance	
mm ²		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.