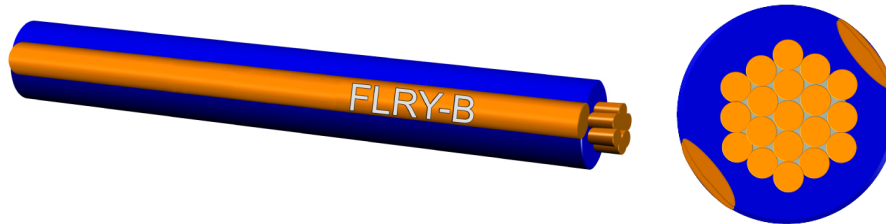


FLRY-B

Single-conductor cables designed for low voltage electric installations in vehicles.

FLRY-B - automotive low voltage cable (FL) with reduced insulation thickness (R) made of PVC (Y) and irregularly stranded conductor (B)



Technical data

Conductor:

Copper, multi wire, flexible

Insulation:

PVC

Working temperature:

-40°C ÷ 105°C

Norms / Specifications

Standard: ISO 6722-1; DIN 72551-6; ECE-R 118

Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical Characteristics

Nominal cross-section	Conductor structure		Resistance at 20°C	Wall insulation thickness	Outer diameter of cable	
	Number of wires	Single wire diameter			(min.)	(max.)
mm ²		(max.) mm	(max.) mΩ/m	(nom.) mm		
0,35	12	0,21	54,4	0,25	1,2	1,4
0,50	16	0,21	37,1	0,28	1,40	1,60
0,75	24	0,21	24,7	0,30	1,7	1,9
1,00	32	0,21	18,5	0,30	1,9	2,1
1,50	30	0,26	12,7	0,30	2,2	2,4
2,00	40	0,26	9,42	0,35	2,5	2,8
2,50	50	0,26	7,6	0,35	2,7	3,0
3,00	44	0,31	6,15	0,40	3,1	3,4
4,00	56	0,31	4,71	0,40	3,4	3,7

DATA SHEET

FLRY-B

Nominal cross-section	Conductor structure		Resistance at 20°C	Wall insulation thickness	Outer diameter of cable	
	Number of wires	Single wire diameter			(min.)	(max.)
	mm ²		(max.)	(nom.)	mm	mm
5,00	65	0,31	3,94	0,40	3,9	4,2
6,00	84	0,31	3,14	0,40	4,0	4,3
8,00	112	0,31	2,38	0,40	4,6	5,0
10,00	80	0,41	1,82	0,60	5,3	6,0
16,00	126	0,41	1,16	0,65	6,4	7,2
25,00	196	0,41	0,743	0,65	7,9	8,7
35,00	276	0,41	0,527	0,80	9,4	10,4
50,00	400	0,41	0,368	0,90	11,0	12,2
70,00	555	0,41	0,259	1,00	13,0	14,4
95,00	740	0,41	0,196	1,10	15,3	16,7