

## FLRY-A

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

Standard: ISO 6722

Conductor: copper, multi-core, flexible

Insulation: PVC

Working temperature: -40°C + 105°C

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

Cables conform to RoHS Directive

Nominal cross-section	Conductor structure			Insulation	Wire	
	Number of wires	Single wire diameter	Resistance at 20°C	Wall insulation thickness	Outer diameter of cable	
		(max.)	(max.)		(min.)	(max.)
mm <sup>2</sup>		mm	mΩ/m	mm	mm	
*0,22	7	0,21	84,8	0,25	1,0	1,2
0,35	7	0,26	52,0	0,25	1,1	1,3
0,5	19	0,21	37,1	0,3	1,4	1,6
0,75	19	0,23	24,7	0,35	1,7	1,9
1,0	19	0,26	18,5	0,35	1,9	2,1
1,5	19	0,32	12,7	0,35	2,1	2,4
2,5	19	0,41	7,6	0,4	2,5	3,0

## FLRY-B

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

Standard: ISO 6722

Conductor: copper, multi-core, flexible

Insulation: PVC

Working temperature: -40°C + 105°C

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

Cables conform to RoHS Directive

Nominal cross-section	Conductor structure			Insulation	Wire	
	Number of wires	Single wire diameter	Resistance at 20°C	Wall insulation thickness	Outer diameter of cable	
		(max.)	(max.)		(min.)	(max.)
mm <sup>2</sup>		mm	mΩ/m	mm	mm	
0,35	12	0,21	52,0	0,25	1,2	1,4
0,5	16	0,21	37,1	0,3	1,4	1,6
0,75	24	0,21	24,7	0,35	1,7	1,9
1,0	32	0,21	18,5	0,35	1,9	2,1
1,5	30	0,26	12,7	0,35	2,2	2,4
*2,0	28	0,31	9,31	0,35	2,4	2,6
2,5	50	0,26	7,6	0,4	2,6	3,0
*3,0	44	0,31	6,21	0,4	2,8	3,2
4,0	56	0,31	4,7	0,45	3,3	3,7
6,0	84	0,31	3,1	0,45	3,8	4,3