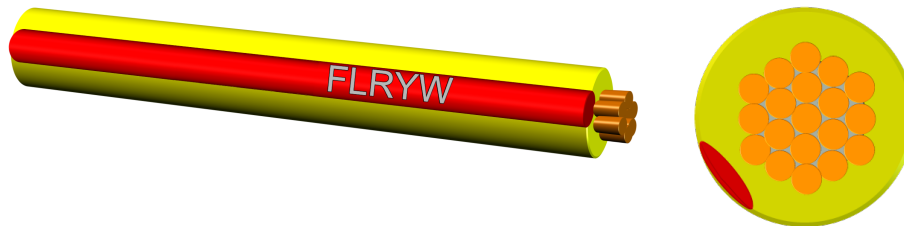


FLRYW

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

FLRYW - automotive low voltage cable (FL) with reduced thickness of insulation (R) made of PVC (Y) and reinforced insulation (W)



Technical data

Conductor:

Copper, multi wire, flexible (acc. to ISO 6722)

Insulation:

PVC, class C (acc. to ISO 6722)

Working temperature:

-40°C ÷ 125°C

Norms / Specifications

Standard: ISO 6722; 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	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
2,50	50	0,26	7,6	0,35	2,7	3,0
4,00	56	0,31	4,71	0,40	3,4	3,7
6,00	84	0,31	3,14	0,40	4,0	4,3
10,00	80	0,41	1,82	0,60	5,3	6,0

DATA SHEET

FLRYW

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	
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