

FLRYW

FLRYW-A Automotive low voltage cable (FL) with reduced thickness of insulation (R), made of heat-resistant PVC (YW), with regularly stranded conductor (A)

FLRYW-B Automotive low voltage cable (FL) with reduced thickness of insulation (R), made of heat-resistant PVC (YW), with irregularly stranded conductor (B)

Application Single-conductor automotive cable designed for low voltage electric installations in vehicles.

Technical data

Conductor: Cu-ETP1 (acc. to EN13602), multi wire, flexible (acc. to ISO 6722-1)
Insulation: PVC, class C (acc. to ISO 6722-1)
Sheath: Not applicable
Temperature range: -40°C ÷ +125°C
Standards: ISO 6722-1
 Cables conform to the requirements of REACH Regulation and RoHS Directive..

Technical characteristics

FLRYW-A

Number of conductors x Nominal cross-section mm ²	Conductor structure		Resistance at 20°C mΩ/m	Insulation thickness mm	Sheath thickness mm	Outer diameter of cable		Approximate weight of cable kg/km
	Number of wires	Single wire diameter						
		(max.) mm				(min.) mm	(max.) mm	
1 x 0,35	7	0,27	54,4	0,25	--	1,20	1,40	4,2
1 x 0,50	19	0,19	37,1	0,28	--	1,40	1,60	5,8
1 x 0,75	19	0,24	24,7	0,30	--	1,70	1,90	8,6
1 x 1,00	19	0,27	18,5	0,30	--	1,90	2,10	11,2
1 x 1,50	19	0,33	12,7	0,30	--	2,20	2,40	15,7
1 x 2,50	19	0,41	7,6	0,35	--	2,70	3,00	26,3

FLRYW-B

Number of conductors x Nominal cross-section	Conductor structure		Resistance at 20°C	Insulation thickness	Sheath thickness	Outer diameter of cable		Approximate weight of cable
	Number of wires	Single wire diameter						
		(max.)	(max.)	(nom.)	(nom.)	(min.)	(max.)	
mm ²		mm	mΩ/m	mm	mm	mm	mm	kg/km
1 x 0,35	12	0,21	54,4	0,25	--	1,20	1,40	4,2
1 x 0,50	16	0,21	37,1	0,28	--	1,40	1,60	5,8
1 x 0,75	24	0,21	24,7	0,30	--	1,70	1,90	8,6
1 x 1,00	32	0,21	18,5	0,30	--	1,90	2,10	11,2
1 x 1,50	30	0,26	12,7	0,30	--	2,20	2,40	15,7
1 x 2,00	28	0,28	9,42	0,35	--	2,50	2,80	20,9
1 x 2,50	50	0,26	7,6	0,35	--	2,70	3,00	26,3
1 x 3,00	44	0,28	6,15	0,40	--	3,10	3,40	32,9
1 x 4,00	56	0,31	4,71	0,40	--	3,40	3,70	40,9
1 x 6,00	84	0,31	3,14	0,40	--	4,00	4,30	60,8
1 x 8,00	112	0,29	2,38	0,40	--	4,60	5,00	80,9
1 x 10,00	80	0,41	1,82	0,60	--	5,30	6,00	102,9
1 x 16,00	126	0,41	1,16	0,65	--	6,40	7,20	160,6
1 x 25,00	196	0,41	0,743	0,65	--	7,90	8,70	246,2
1 x 35,00	276	0,41	0,527	0,80	--	9,40	10,40	351,1
1 x 50,00	400	0,41	0,368	0,90	--	11,00	12,20	501,3
1 x 70,00	555	0,41	0,259	1,00	--	13,00	14,40	705,3
1 x 95,00	740	0,41	0,196	1,10	--	15,30	16,70	929,9

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