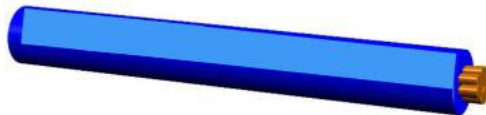


DATA SHEET

FLYW

FLYW 125°

Automotive low voltage cable (FL), with reinforced insulation (W) made of PVC (Y) and working temperature to 125°C



Application

Single-conductor cable with increased resistance to temperature designed for electric installations in vehicles.

Technical data

Conductor: Cu-ETP1 (acc. to EN13602), multi wire, flexible (acc. to ISO 6722-1)
Insulation: PVC, class B (acc. to ISO 6722-1) or PVC class C (acc. to ISO 6722-1)
Sheath: Not applicable
Temperature range: FLYW 125: -40°C ÷ +125°C
Standards: ISO 6722-1; ECE-R 118
 Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical characteristics

FLYW 125°C

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				(min.)	(max.)	
		(max.)						
mm ²		mm	mΩ/m	mm	mm	mm	mm	kg/km
1 x 0,50	16	0,21	37,1	0,60	--	2,00	2,30	8,1
1 x 0,75	24	0,21	24,7	0,60	--	2,20	2,50	10,9
1 x 1,00	32	0,21	18,5	0,60	--	2,40	2,70	13,7
1 x 1,50	30	0,26	12,7	0,60	--	2,70	3,00	18,7
1 x 2,00	28	0,31	9,42	0,60	--	3,00	3,30	24,5
1 x 2,50	50	0,26	7,6	0,70	--	3,30	3,60	29,6
1 x 3,00	44	0,31	6,15	0,70	--	3,80	4,10	38,6
1 x 4,00	56	0,31	4,71	0,80	--	4,00	4,40	46,1
1 x 6,00	84	0,31	3,14	0,80	--	4,60	5,00	67,1
1 x 10,00	80	0,41	1,82	1,00	--	5,90	6,50	112,8
1 x 16,00	126	0,41	1,16	1,00	--	7,70	8,30	182,5
1 x 25,00	196	0,41	0,743	1,30	--	9,40	10,40	280,2

1 x 35,00	276	0,41	0,527	1,30	--	9,60	11,60	364,8
1 x 50,00	400	0,41	0,368	1,50	--	11,50	13,50	522,4
1 x 70,00	555	0,41	0,259	1,50	--	13,50	15,50	724,3
1 x 95,00	740	0,41	0,196	1,60	--	16,00	18,00	963,5
1 x 120,00	960	0,41	0,153	1,60	--	17,70	19,70	1239,5