

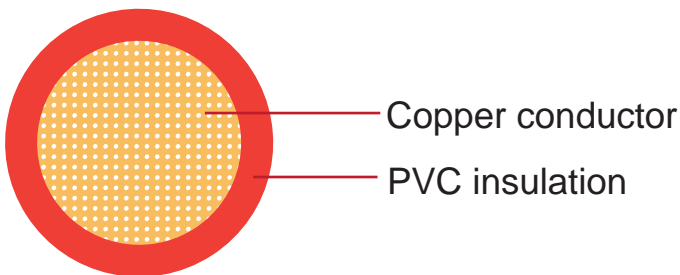
# Automotive Cable

## FLRYW-B

### Application and Description:

This PVC insulated single-core cable is used as low-tension electric wire for automobiles.

### Cable Construction:



Copper conductor

PVC insulation

**Conductor:** Cu-ETP1 bare according to DIN EN 13602

**Insulation:** PVC

**Standard:** ISO 6722 Class C

### Special properties:

Heat resistant cable, Flame retardant, Extra flexibility

Flexible conductor with PVC Thin wall insulation with increase mechanical strength

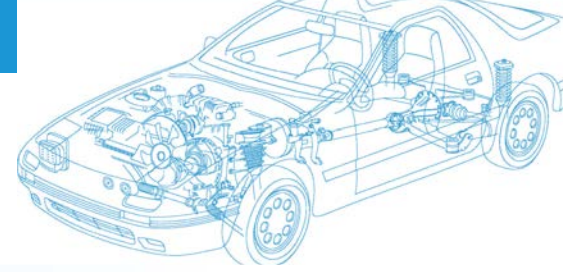
### Technical Parameters:

Operating temperature:  $-50^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$

Nominal cross-section	Conductor Construction			Insulation Nominal thickness	Cable		
	No. and Dia. of Wires	Diameter of Conductor max.	Electrical resistance at 20°C max.		Overall Diameter Min.	Overall Diameter Max.	Weight approx.
mm <sup>2</sup>	No./mm	mm	mΩ/m	mm	mm	mm	g/km
1x0.35	12 /0.21	0.9	54.4	0.2	1.2	1.4	5
1x0.50	16/0.21	1.0	37.1	0.22	1.4	1.6	6
1x0.75	24/0.21	1.2	24.7	0.24	1.7	1.9	9
1x1.00	32/0.21	1.35	18.5	0.24	1.9	2.1	11
1x1.25	16/0.33	1.7	14.9	0.24	2.1	2.3	12
1x1.50	30/0.26	1.7	12.7	0.24	2.2	2.4	17



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	No. and Dia. of Wires	Diameter of Conductor max.	Electrical resistance at 20°C max.	Nominal thickness	Overall Diameter Min.	Overall Diameter Max.	Weight approx.
mm <sup>2</sup>	No./mm	mm	mΩ/m	mm	mm	mm	g/km
1 x2.00	28/0.31	2.0	9.42	0.28	2.5	2.8	24
1 x2.50	50/0.26	2.2	7.6	0.28	2.7	3.0	28
1 x3.00	45/0.31	2.4	6.15	0.32	3.1	3.4	34
1 x4.00	56/0.31	2.75	4.71	0.32	3.4	3.7	44
1 x5.00	65/0.33	3.1	3.94	0.32	3.9	4.2	50
1 x6.00	84/0.31	3.3	3.14	0.32	4.0	4.3	64
1 x8.00	50/0.46	4.3	2.38	0.32	4.6	5.0	82
1 x10.00	38/0.41	4.5	1.82	0.48	5.4	5.8	113
1 x12.00	96/0.41	5.4	1.52	0.48	5.8	6.5	120
1 x16.00	126/0.41	5.5	1.16	0.52	6.5	7.0	171
1 x20.00	152/0.41	6.9	0.955	0.52	7.0	7.8	192
1 x25.00	196/0.41	7.0	0.743	0.52	7.9	8.7	255

Note: Other configurations, sizes, colors and length not specified herein are available upon request.

