

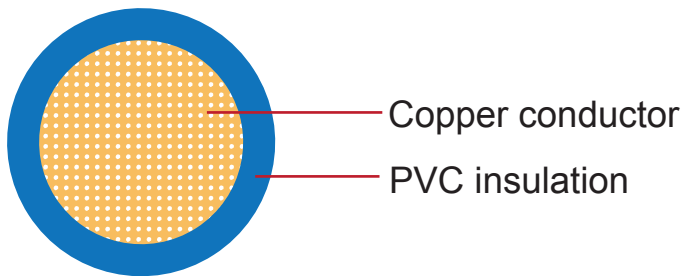
# Automotive Cable

## FLY

### Application:

This PVC insulated single-core unshielded low-tension wire is used for automobiles.

### Construction:



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

**Insulation:** PVC

**Standard Compliance:** ISO 6722 Class B

### Special Properties:

Conductors >6mm<sup>2</sup> are suitable for use as battery cables

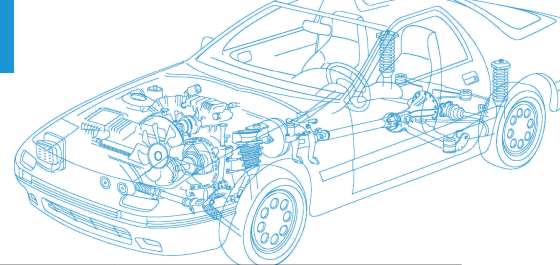
### Technical Parameters:

**Operating temperature:** - 40°C to +105°C

Nominal Cross-section	Conductor			Insulation Thickness Wall nom.	Cable		Weight Approx.
	No. and Dia. of Wires	Diameter max.	Electrical Resistance at 20°C max.		Overall Diameter min.	Overall Diameter max.	
mm <sup>2</sup>	no./mm	mm	mΩ/m	mm	mm	mm	kg/km
1x0.50	16/0.21	1.00	37.10	0.48	2.00	2.30	8
1x0.75	24/0.21	1.20	24.70	0.48	2.20	2.50	12
1x1.00	32/0.21	1.35	18.50	0.48	2.40	2.70	15
1x1.50	30/0.26	1.70	12.70	0.48	2.70	3.00	20
1x2.00	40/0.26	2.00	9.42	0.60	2.90	3.20	26
1x2.50	50/0.26	2.20	7.60	0.70	3.30	3.70	32
1x3.00	60/0.26	2.50	6.00	0.70	3.50	3.90	37
1x4.00	56/0.31	2.75	4.71	0.80	4.00	4.40	49
1x6.00	84/0.31	3.30	3.14	0.80	4.60	5.00	68
1x10.00	80/0.41	4.50	1.82	0.80	6.00	6.50	117



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Nominal Cross-section	Conductor			Insulation	Cable		
	No. and Dia. of Wires	Diameter max.	Electrical Resistance at 20°C max.	Thickness Wall nom.	Overall Diameter min.	Overall Diameter max.	Weight Approx.
mm <sup>2</sup>	no./mm	mm	mΩ/m	mm	mm	mm	kg/km
1x16.00	126/0.41	6.30	1.16	0.80	7.50	8.30	193
1x25.00	196/0.41	7.80	0.74	1.04	9.50	10.40	274
1x35.00	276/0.41	9.00	0.53	1.04	10.60	11.60	397
1x50.00	400/0.41	10.50	0.37	1.20	12.90	13.50	547
1x70.00	555/0.41	12.50	0.26	1.20	14.80	15.50	769
1x95.00	740/0.41	14.80	0.20	1.28	17.00	18.00	990
1x120.00	960/0.41	16.50	0.15	1.60	18.70	19.70	1250

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

