



● **Application**

The DIN 76722 FLY standard wall PVC insulation automotive cable is an essential component for modern automotive electrical systems. Its combination of standard wall thickness, durability, flexibility, and compliance with industry standards makes it an excellent choice for a wide range of automotive wiring applications. Whether used in general wiring, lighting systems, instrument panels, power distribution, or control systems, this cable ensures reliable performance and long-term durability, meeting the demanding needs of the automotive industry.

● **Advantage**

**Durability:** Robust PVC insulation provides excellent protection against mechanical wear and environmental factors, ensuring long-term performance.  
**Reliability:** Consistent quality and compliance with DIN 76722 standards ensure reliable operation in critical automotive applications.  
**Versatility:** Suitable for a wide range of applications within the vehicle, making it a versatile choice for automotive manufacturers and repair professionals.  
**Flexibility:** High flexibility facilitates easy installation in tight spaces and complex routing paths, reducing the risk of damage.

● **Performance**

Temperature Range : - 40°C to +105°C (3000 Hours)  
 Rated Voltage: A.C. 30V, D.C. 60V  
 FL : Automotive cable  
 Y : PVC insulation

● **Construction**

Conductor : stranded bare copper wire or tinned copper wire  
 Insulation : PVC  
 Core: Single core

● **Specification**

-DIN 76722: covers the construction, dimensions, performance requirements, and testing methods for automotive cables

● **Eastful Cable Lab**



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction. CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

● **Accreditation**

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



● **National Green Factory**



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China. We are committed to the development of high-end, intelligent and green manufacturing industry.

\*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

## ● Technical Parameters

Nominal Cross Section Area	No. and Dia. of Wires	Conductor		Nominal Insulation Thickness	Cable		Approx. Weight
		Max. Dia.	Max. Electrical Resistance at 20°C		Min. Overall Dia.	Max. Overall Dia.	
mm <sup>2</sup>	No./mm	mm	Ω/km	mm	mm	mm	kg/km
1x0.50	16 /0.21	1	37.1	0.48	2	2.3	8
1x0.75	24/0.21	1.2	24.7	0.48	2.2	2.5	12
1x1.00	32/0.21	1.35	18.5	0.48	2.4	2.7	15
1x1.50	30/0.26	1.7	12.7	0.48	2.7	3	20
1x2.00	40/0.26	2	9.42	0.6	2.9	3.2	26
1x2.50	50/0.26	2.2	7.6	0.7	3.3	3.7	32
1x3.00	60/0.26	2.5	6	0.7	3.5	3.9	37
1x4.00	56/0.31	2.75	4.71	0.8	4	4.4	49
1x6.00	84/0.31	3.3	3.14	0.8	4.6	5	68
1x10.00	80 /0.41	4.5	1.82	0.8	6	6.5	117
1x16.00	126/0.41	6.3	1.16	0.8	7.5	8.3	193
1x25.00	196/0.41	7.8	0.74	1.04	9.5	10.4	274
1x35.00	276/0.41	9	0.53	1.04	10.6	11.6	397
1x50.00	400/0.41	10.5	0.37	1.2	12.9	13.5	547
1x70.00	555/0.41	12.5	0.26	1.2	14.8	15.5	769
1x95.00	740/0.41	14.8	0.2	1.28	17	18	990
1x120.00	960/0.41	16.5	0.15	1.6	18.7	19.7	1250

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