



● **Application**

DIN 76722 FLYY PVC insulation PVC sheathed automotive cable is a highly reliable and durable solution for modern automotive electrical systems. Its dual-layer construction offers excellent protection against mechanical damage and environmental factors, ensuring long-term performance and reliability. This cable is ideal for a variety of applications, including general wiring, lighting systems, instrument panels, power distribution, and control systems. By meeting the stringent DIN 76722 standard, the FLYY cable guarantees high quality and dependable performance, making it a valuable component in the automotive industry.

● **Advantage**

**Enhanced Protection:** The dual PVC insulation and sheath provide superior mechanical and environmental protection, extending the cable's lifespan.  
**Durability:** The robust construction ensures resistance to wear and tear, chemicals, and harsh environmental conditions.  
**High Flexibility:** Despite its durable build, the cable remains flexible, facilitating easy installation and routing in tight and complex automotive environments.  
**Reliability:** Consistent quality and adherence to 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.

● **Performance**

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

● **Construction**

Conductor: stranded bare copper wire or tinned copper wire  
 Insulation: PVC  
 Sheath: PVC

● **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. of Strands	Max. Strand Dia.	Max. Conductor Dia.	Max. Electrical Resistance at 20°C	Nominal Insulation Thickness	Nominal Core Dia.	Sheath Thickness	Overall Dia.	
								Min.	Max.
mm <sup>2</sup>	-	mm	mm	Ω/km	mm	mm	mm		
0.5	16	0.21	1.0	37.1	0.6	2.1	0.4	2.7	3.1
0.75	24	0.21	1.2	24.7	0.6	2.3	0.4	3.0	3.3
1.0	32	0.21	1.35	18.5	0.6	2.5	0.4	3.2	3.6
1.5	30	0.26	1.7	12.7	0.6	2.8	0.5	3.7	4.1
2.0	40	0.26	2.0	9.42	0.6	3.0	0.5	3.9	4.3
2.5	50	0.26	2.2	7.6	0.7	3.5	0.5	4.3	4.8