



● **Application**

DIN 76722 FLUY ultra thin PVC insulation automotive cable is a highly specialized cable designed to meet the needs of modern automotive electrical systems. Its ultra-thin insulation allows for significant space savings without compromising on performance or durability. This cable is ideal for a variety of applications, including general wiring, lighting systems, instrument panels, power distribution, and control systems, particularly in areas with limited space. By adhering to the DIN 76722 standard, the FLUY cable ensures high quality, reliability, and performance, making it a valuable component in the automotive industry.

● **Advantage**

Space-Saving Design: The ultra-thin PVC insulation significantly reduces the cable's diameter, making it ideal for installations where space is at a premium.
High Flexibility: The cable's flexibility ensures easy installation and routing through complex and confined automotive environments.
Durability: Despite its thin insulation, the cable provides good mechanical strength and resistance to wear and tear.
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.

● **Performance**

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

● **Construction**

Conductor: stranded bare copper wire or tinned copper wire
 Insulation: 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	Min. Insulation Thickness	Max. Overall Dia.	Approx. Weight
mm ²	-	mm	mm	Ω/km	mm	mm	kg/km
0.35	7	0.27	0.8	52	0.16	1.2	4.0
0.5	19	0.19	1	37.1	0.16	1.4	6.0
0.75	19	0.24	1.2	24.7	0.16	1.6	8.0
1.0	19	0.27	1.4	18.5	0.16	1.75	10.0
1.25	19	0.30	1.5	14.9	0.16	2.0	13.0
1.5	19	0.33	1.7	12.7	0.16	2.1	15.0
2.0	19	0.37	1.9	9.42	0.20	2.4	20.0
2.5	37	0.30	2.2	7.6	0.20	2.7	25.0