



● **Application**

The JASO D611 AVSS super thin wall PVC insulation automotive cable is a cutting-edge component for contemporary automotive electrical systems, particularly where space and weight efficiency are paramount. Its combination of super thin wall design, 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**

Space and Weight Savings: The super thin wall insulation allows for a more compact and lightweight wiring system, crucial for modern automotive designs aiming for efficiency.

Durability: Despite the super thin insulation, the PVC material provides excellent protection against mechanical wear and environmental factors.

Reliability: Consistent quality and compliance with JASO D611 standards ensure reliable operation in critical automotive applications.

Flexibility: High flexibility facilitates easy installation in tight spaces and complex routing paths, reducing the risk of damage.

● **Performance**

Temperature Range: -40°C to 80°C (3000 Hours)

Rated Voltage: A.C. 25V, D.C. 60V

A : Low Voltage wires

V : Vinyl

SS : Super Thin type

● **Construction**

Conductor : stranded bare copper wire or tinned copper wire

Insulation : PVC

Core: Single core

● **Specification**

-JASO D611: non-shielded single-core low-voltage wires used in cars

● **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 Rhineland 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 ²	No./mm	mm	Ω/km	mm	mm	mm	kg/km
1 x 0.30	7/0.26	0.8	50.2	0.3	1.4	1.5	5
1 x 0.50	7/0.32	1	32.7	0.3	1.6	1.7	7
1 x 0.85	19/0.24	1.2	21.7	0.3	1.8	1.9	10
1 x 1.25	19/0.29	1.5	14.9	0.3	2.1	2.2	14
1 x 0.3f	19/0.16	0.8	48.8	0.3	1.4	1.5	5
1 x 0.5f	19/0.19	1	34.6	0.3	1.6	1.7	7
1 x 0.75f	19/0.23	1.2	23.6	0.3	1.8	1.9	10
1 x 1.25f	37/0.21	1.5	14.6	0.3	2.1	2.2	14
1 x 2f	37/0.26	1.8	9.5	0.4	2.6	2.7	22

The "f" in the Nominal Cross Section Area column indicates a flexible conductor with a finer wire diameter.

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