Application

The JASO D611 AVS thin wall PVC insulation automotive cable is an essential component for contemporary automotive electrical systems, particularly where space efficiency is paramount. Its combination of 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-Saving Design: The thin wall insulation allows for a more compact wiring system, crucial for modern automotive designs.
Durability: Despite the 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.

Performance

Temperature Range: -40°C to 80°C (3000 Hours)
Rated Voltage: A.C. 25V, D.C. 60V
A : Low Voltage wires
V : Vinyl
S : 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		
		Max. Dia.	Max. Electrical Resistance at 20℃		Min. Overall Dia.	Max. Overall Dia.	Approx. Weight
mm²	No./mm	mm	Ω/km	mm	mm	mm	kg/km
1 x0.3	7/0.26	0.80	50.20	0.50	1.80	1.9	6
1 x0.5	7/0.32	1.00	32.70	0.60	2.10	2.40	7
1 x0.85	11/0.32	1.20	20.80	0.60	2.30	2.60	10
1 x1.25	16/0.32	1.50	14.30	0.60	2.60	2.90	15
1 x2	26/0.32	1.90	8.81	0.60	3.00	3.40	22
1 x3	41/0.32	2.40	5.59	0.70	3.50	3.90	42
1 x5	65/0.32	3.00	3.52	0.80	4.50	4.90	61
1 x0.3f	15/0.18	0.80	48.90	0.50	1.80	1.90	6
1 x0.5f	20/0.18	1.00	36.70	0.50	2.00	2.10	8
1 x0.75f	30/0.18	1.20	24.40	0.50	2.20	2.30	11
1 x1.25f	50/0.18	1.50	14.70	0.50	2.50	2.60	17
1 x2f	37/0.26	1.80	9.50	0.50	2.90	3.10	24

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.