

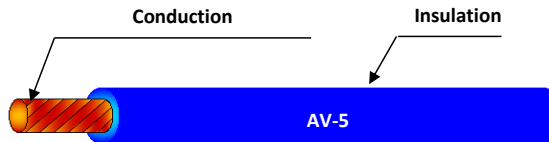
APPLICATION

Wires used in low voltage circuits in automobiles(vehicles and motorcycles)
 A : Low-voltage wire for automobiles
 V : Vinyl

FEATURES

General purpose cable for automobiles , they are used in low voltage circuits such as starting charging , lighting , signal and instrument panel circuits.
 Standard to JIS C 3406 , JASO : D611

CONSTRUCTION AND PERFORMANCE



Size	Conductor (Annealed copper stranded conductors)			Insulation Thickness (mm)	Overall Diameter		Conductor resistance (20°C) Ω (mW / m)	Current limit (A)	Approx. weight (g / m)	Standard length (m)
	Construction (No. / mm)	Calculated area (mm ²)	Outer Diameter (mm)		Standard (mm)	Max. (mm)				
0.5	7/0.32	0.5629	1.0	0.6	2.2	2.4	32.7	12	10	1,000
0.5f	20/0.18	0.5087	1.0	0.6	2.2	2.4	36.7	12	9	800
0.75f	30/0.18	0.763	1.2	0.6	2.4	2.6	24.4	15	12	800
0.85	11/0.32	0.8846	1.2	0.6	2.4	2.6	20.8	16	13	800
1.25	16/0.32	1.287	1.5	0.6	2.7	2.9	14.3	21	17	600
1.25f	50/0.18	1.273	1.5	0.6	2.7	2.9	14.7	38	18	600
2	26/0.32	2.091	1.9	0.6	3.1	3.4	8.81	28	26	500
2f	37/0.26	1.964	1.8	0.6	3.0	3.4	9.5	51	25	500
3	41/0.32	3.297	2.4	0.7	3.8	4.1	5.59	38	40	300
3f	61/0.26	3.239	2.4	0.7	3.8	4.1	5.76	66	40	300
5	65/0.32	5.228	3.0	0.8	4.6	4.9	3.52	51	62	200
8	50/0.45	7.952	3.7	0.9	5.5	5.8	2.32	66	92	100
10	7/9/0.45	10.02	4.5	1.0	6.5	6.9	1.84	78	120	(2,500)
15	84/0.45	13.36	4.8	1.1	7.0	7.4	1.38	94	160	(2,000)
20	41/0.8	20.61	6.0	1.1	8.2	8.8	0.887	121	226	(1,500)
30	70/0.8	35.19	8.0	1.4	10.8	11.5	0.52	168	384	(1,000)
40	85/0.8	42.73	8.6	1.4	11.4	12.1	0.428	188	462	(1,000)
50	108/0.8	54.29	9.8	1.6	13.0	13.8	0.337	220	583	(1,000)
60	127/0.8	63.84	10.4	1.6	13.6	14.4	0.287	243	678	(1,000)
85	169/0.8	84.96	12.0	2.0	16	17	0.215	300	924	(1,000)
100	217/0.8	109.1	13.6	2.0	17.6	18.6	0.168	356	1151	(1,000)

*1 The "f" in the nominal size indicates a flexible conductor with finer wire diameter.
 *2 The current limit date is for conductor temperature of 80°C (Maximum allowable temperature) and an ambient temperature of 40°C
 *3 Standard packing shapes shall be coils. However , products which length are indicated in () shall be wound on drums.



Restriction of Hazardous Substances



Registration Evaluation and Authorization of Chemicals



Flameability Resistance



Abrasion Resistance



Chemical Resistance