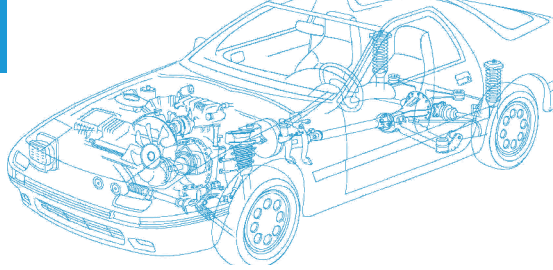
Automotive Cable

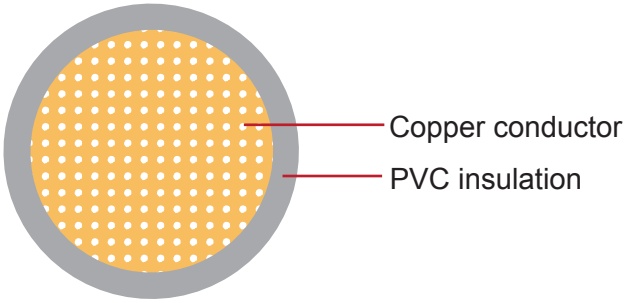


AV

Application:

This PVC insulated single-Core cable is used for low voltage circuits in automobiles, vehicles and motorcycles.

Construction:



Conductor: Cu-ETP1 bare according to D 609-90

Insulation: PVC

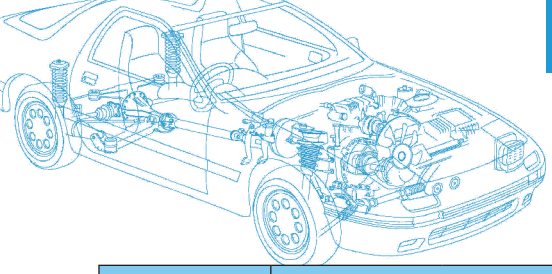
Standard Compliance: JIS C 3406

Technical Parameters:

Operating temperature: – 40 °C to +85 °C

Intermittent temperature: 120°C

	Conductor			Insulation	Cable		
Nominal Cross-section	No. and Dia. of Wires	Diameter max.	Electrical Resistance at 20°C max.	Thickness Wall nom.	Overall Diameter min.	Overall Diameter max.	Weight Approx.
mm^2	no./mm	mm	mΩ/m	mm	mm	mm	kg/km
1x0.50	7/0.32	1.00	32.70	0.60	2.20	2.40	10
1x0.85	11/0.32	1.20	20.80	0.60	2.40	2.60	13
1x1.25	16/0.32	1.50	14.30	0.60	2.70	2.90	17
1x2.00	26/0.32	1.90	8.81	0.60	3.10	3.40	26
1x3.00	41/0.32	2.40	5.59	0.70	3.80	4.10	40
1x5.00	65/0.32	3.00	3.52	0.80	4.60	4.90	62
1x8.00	50/0.45	3.70	2.32	0.90	5.50	5.80	92
1x10.00	63/0.45	4.50	1.84	1.00	6.50	6.90	120
1x15.00	84/0.45	4.80	1.38	1.10	7.00	7.40	160
1x20.00	41/0.80	6.10	0.89	1.10	8.20	8.80	226



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Nominal Cross-section	No. and Dia. of Wires	Diameter max.	Electrical Resistance at 20°C max.	Thickness Wall nom.	Overall Diameter min.	Overall Diameter max.	Weight Approx.
mm^2	no./mm	mm	mΩ/m	mm	mm	mm	kg/km
1x30.00	70/0.80	8.00	0.52	1.40	10.80	11.50	384
1x40	85/0.80	8.60	0.43	1.40	11.40	12.10	462
1x50	108/0.80	9.80	0.34	1.60	13.00	13.80	583
1x60	127/0.80	10.40	0.29	1.60	13.60	14.40	678
1x85	169/0.80	12.00	0.22	2.00	16.00	17.00	924
1x100	217/0.80	13.60	0.17	2.00	17.60	18.60	1151
1x0.5f	20/0.18	1.00	36.70	0.60	2.20	2.40	9
1x0.75f	30/0.18	1.20	24.40	0.60	2.40	2.60	12
1x1.25f	50/0.18	1.50	14.70	0.60	2.70	2.90	18
1x2f	37/0.26	1.80	9.50	0.60	3.00	3.40	25
1x3f	61/0.26	2.40	5.76	0.70	3.80	4.10	40

The "f" in the nominal size column indicates a flexible conductor with a finer wire diameter.

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