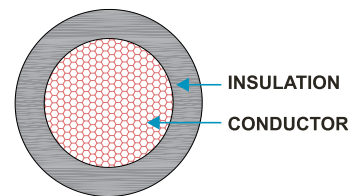




Automotive Cables

AV - Low Voltage Cables



Application

Automotive PVC insulated single-core cable is used for low voltage circuits in automobiles, vehicles and motorcycles. These are standard wall auto cables for ideal use in automotive by harness manufacturers.

Properties

- Self-extinguishing and flame retardant.
- Ozone resistance
- Good abrasive resistance.
- Good fuel /oil resistance
- RoHS compliance
- Highly resistant against acids, lyes, petrol and diesel.

Construction

- Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to JIS C 3102.
- Insulation : Plasticized PVC lead free

Technical Parameter

- Temperature range : - 40°C to +80°C (3000 Hours)
- Standard compliance : JIS C 3406
- Test voltage : 1kV



Dimension

Part code	Nominal Cross Section	No. and Dia. of Wires	Diameter max.	Electrical Resistance at 20°C max.	Insulation Thickness Wall Nom.	Overall Diameter min.	Overall Diameter max.	Approx Weight
	mm ²	No./mm	mm	mΩ/m	mm	mm	mm	kg/km
1403B010005	1x0.50	7/0.32	1	32.7	0.6	2.2	2.4	10
1403B010008	1x0.85	11/0.32	1.2	20.8	0.6	2.4	2.6	13
1403B010012	1x1.25	16/0.32	1.5	14.3	0.6	2.7	2.9	17
1403B010020	1x2.00	26/0.32	1.9	8.81	0.6	3.1	3.4	26
1403B010030	1x3.00	41/0.32	2.4	5.59	0.7	3.8	4.1	40
1403B010050	1x5.00	65/0.32	3	3.52	0.8	4.6	4.9	62
1403B010080	1x8.00	50/0.45	3.7	2.32	0.9	5.5	5.8	92
1403B010100	1x10.00	63/0.45	4.5	1.84	1	6.5	6.9	120
1403B010150	1x15.00	84/0.45	4.8	1.38	1.1	7	7.4	160
1403B010200	1x20.00	41/0.80	6.1	0.89	1.1	8.2	8.8	226
1403B010300	1x30.00	70/0.80	8	0.52	1.4	10.8	11.5	384
1403B010400	1x40	85/0.80	8.6	0.43	1.4	11.4	12.1	462
1403B010500	1x50	108/0.80	9.8	0.34	1.6	13	13.8	583
1403B010600	1x60	127/0.80	10.4	0.29	1.6	13.6	14.4	678
1403B010850	1x85	169/0.80	12	0.22	2	16	17	924
1403B011000	1x100	217/0.80	13.6	0.17	2	17.6	18.6	1151
1403B010005	1x0.5f	20/0.18	1	36.7	0.6	2.2	2.4	9
1403B010007	1x0.75f	30/0.18	1.2	24.4	0.6	2.4	2.6	12
1403B010012	1x1.25f	50/0.18	1.5	14.7	0.6	2.7	2.9	18
1403B010020	1x2f	37/0.26	1.8	9.5	0.6	3	3.4	25
1403B010030	1x3f	61/0.26	2.4	5.76	0.7	3.8	4.1	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.

Note-1 :

Kindly complete the part numbers for these cables by adding the suffix (in place of 'xx') for the colour required: 01 - Green, 02 - Black, 03 - Red, 04 - Blue, 05 - Yellow, 06 - Green/Yellow, 07 - White, 08 - Violet, 09 - Brown, 10 - Orange, 11 - Pink, 12 - grey.