

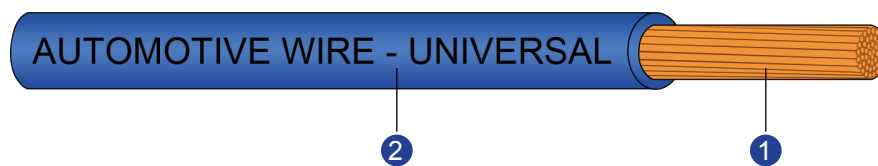
FLY-B

Application

Low voltage cable for use in road vehicle applications, such as motor wiring, fan motor or sensor applications.

Standards/Specification

ISO 6722-1, LV 112-1, BMW GS 95007-1-1, VW 60306-1



Construction

- ① Conductor: Soft-annealed electrolytic copper Cu-ETP1 according to DIN EN 13602, bare or tinned.
Conductor construction according to ISO 6722
- ② Insulation: PVC according to ISO 6722-1, ClassB (lead free)

Product Features

Voltage rating: 60 V d.c, 25 V a.c.
 Temperature range: -40°C to +105°C (3000 h)
 Oil resistant: Yes
 Fuel resistant: Yes
 Abrasion resistance: Yes
 Flame resistance: Yes

Technical Data

Nominal Cross-Section (mm ²)	Strand No./Max. Diameter (N/mm)	Diameter of Conductor (mm)	Nominal Insulation Thickness (mm)	Nominal Overall Diameter (mm)	Conductor Resistance (20°C Ω/km)	Weight Approx. (kg/km)
0.5	16/0.21	1.10	0.60	2.0-2.3	37.1	9
0.75	24/0.21	1.30	0.60	2.2-2.5	24.7	11
1	32/0.21	1.50	0.60	2.4-2.7	18.5	14
1.5	30/0.26	1.80	0.60	2.7-3.0	12.7	19
2.5	50/0.26	2.20	0.70	3.3-3.6	7.60	30
4	56/0.31	2.80	0.80	4.0-4.4	4.71	53
6	84/0.31	3.40	0.80	4.6-5.0	3.14	68
10	80/0.41	4.50	1.00	5.9-6.5	1.82	127
16	126/0.41	5.80	1.00	7.7-8.3	1.16	182
25	196/0.41	7.20	1.30	9.4-10.4	0.743	279
35	276/0.41	8.50	1.30	9.6-11.6	0.527	385
50	396/0.41	10.50	1.50	11.5-13.5	0.368	534
70	360/0.5	12.50	1.50	13.5-15.5	0.264	760
95	475/0.51	14.80	1.60	16.0-18.0	0.200	911
120.0	608/0.51	16.50	1.60	17.7-19.7	0.153	1258