

AEXSF

A: Low-voltage cables for automobile E: Polyethylene X: Polyethylene SF: Super flexible

Application

Cable used in low voltage circuits in automobiles (vehicles and motorcycles)
 Superior heat resistance with irradiated PE
 Suitable for the consideration of very flexibility and thermal resistance

Standards/Specification

ES SPEC



Construction

- ① Conductor: Annealed stranded copper
- ② Insulation: Cross-linked Polyethylene

Product Features

Rated temperature: 135°C

Technical Data

Nominal Size (mm ²)	Conductors			Insulation Thickness (mm)	Overall Diameter		Conductors Resistance (Ω/km)	Approx Weight (kg/km)
	Construction (No./mm)	calculated area (mm ²)	Outer Diameter (mm)		Standard (mm)	Max (mm)		
5	207/0.18	5.27	3.0	0.8	4.6	4.8	3.94	61
8	315/0.18	8.02	3.7	0.8	5.3	5.5	2.32	87
10	399/0.18	10.15	4.15	0.9	6.0	6.2	1.76	115
15	588/0.18	14.96	5.0	1.1	7.2	7.5	1.25	165
20	784/0.18	19.95	6.3	1.1	8.5	8.75	0.99	225
30	1159/0.18	29.49	8.0	1.3	10.6	10.9	0.61	325
40	1558/0.18	39.65	9.2	1.4	12.0	12.4	0.46	430
50	1919/0.18	48.83	10.0	1.5	13.0	13.4	0.39	530
60	1121/0.26	59.52	11.0	1.5	14.0	14.4	0.29	630
85	1596/0.26	84.74	13.0	1.6	16.2	16.6	0.21	885
100	1881/0.26	99.87	15.0	1.6	18.2	18.6	0.17	1040