

AEXHF

A: Low-voltage cables for automobile E: Polyethylene X: Cross-linked H: Heat resistant F: Flexible

Application

Cable used in low voltage circuits in automobiles (vehicles and motorcycles).
Superior heat resistance with irradiated PE superior more than thermal resistance AEX type.

Standards/Specification

ES SPEC



Construction

- ① Conductor: Tin coated annealed stranded copper
- ② Insulation: Cross-linked Polyethylene

Product Features

Rated temperature: 150°C
Rated voltage up to 60 V

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)		
0.3	12/0.180	0.3054	0.7	0.5	1.7	1.8	53.3	5.7
0.5	20/0.180	0.5089	1	0.5	1.9	2	36.7	8
0.85	34/0.180	0.8652	1.2	0.5	2.2	2.3	20.2	12
1.25	50/0.180	1.272	1.5	0.6	2.7	2.8	14.7	17.5
2	79/0.180	2.01	1.9	0.6	3.1	3.2	8.68	24.9
3	119/0.18	3.028	2.3	0.7	3.7	3.8	5.8	37
5	207/0.18	5.268	3	0.8	4.6	4.8	3.2	61.5
8	315/0.18	8.016	3.7	0.8	5.3	5.5	2	88.5
10	399/0.18	10.15	4.1	0.9	5.9	6.1	1.76	113
20	247/0.32	19.86	6.3	1.1	8.5	8.8	0.92	216