

AESSX/AESSXF

A: Low-voltage cables for automobile E: Polyethylene SS: Very thin insulation wall X: Cross-linked F: Flexible

Application

Cable used in low voltage circuits in automobiles (vehicles and motorcycles).

Superior heat resistance with irradiated PE.

Suitable for the consideration of flexibility and thermal resistance.

Standards/Specification

JASO D611



Construction

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

Product Features

Temperature range: -45°C to + 120°C

Rated voltage up to 60 V

Technical Data

Nominal Size (mm ²)	Conductors			Conductors Resistance (Ω/km)	Insulation Thickness		Finished Outside Diameter	
	Construction (No./mm)	calculated area (mm ²)	Outer Diameter (mm)		Standard (mm)	Min. (mm)	Standard (mm)	Max. (mm)
0.3f	19/0.16	0.3821	0.8	48.8	0.30	0.24	1.4	1.5
0.5f	19/0.19	0.5387	1.0	34.6	0.30	0.24	1.6	1.7
0.75f	19/0.23	0.7895	1.2	13.6	0.30	0.24	1.8	1.9
1.25f	37/0.21	1.282	1.5	14.6	0.30	0.24	2.1	2.2
2f	37/0.26	1.964	1.8	9.50	0.40	0.32	2.6	2.7