

## AEXF

A: Low-voltage cables for automobile E: Polyethylene 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

Rated temperature: 120°C

Rated Voltage: 60 VDC & 25 VAC

### Technical Data

Nominal Size (mm <sup>2</sup> )	Conductors			Conductors Resistance		Insulation Thickness		Finished Outside Diameter	
	Construction (No./mm)	calculated area (mm <sup>2</sup> )	Outer Diameter (mm)	No Plating (Ω/km)	Plating (Ω/km)	Standard (mm)	Min. (mm)	Standard (mm)	Max. (mm)
0.5f	20/0.18	0.5087	1.0	36.7	38.6	0.50	0.32	2.0	2.2
0.75f	30/0.18	0.7630	1.2	24.4	25.8	0.50	0.32	2.2	2.4
1.25f	50/0.18	1.273	1.5	14.7	15.5	0.60	0.40	2.7	2.9
2f	37/0.26	1.964	1.8	9.50	10.1	0.60	0.40	3.0	3.3
15f	19/9/0.32	13.75	5.3	1.37	-	1.10	0.88	7.5	8.0
20f	19/13/0.32	19.86	6.5	0.946	-	1.10	0.88	8.7	9.3
30f	19/19/0.32	29.03	7.8	0.647	-	1.40	1.12	10.6	11.3
40f	19/26/0.32	39.73	9.1	0.473	-	1.40	1.12	11.9	12.6
50f	19/32/0.32	48.90	10.1	0.384	-	1.60	1.28	13.3	14.1
60f	19/39/0.32	59.59	11.1	0.315	-	1.60	1.28	14.3	15.1
85f	19/56/0.32	85.57	13.1	0.220	-	2.00	1.60	17.1	18.1
100f	19/71/0.32	108.5	14.9	0.173	-	2.00	1.60	18.9	19.9