

## AHFX/AHFX-BS

### Application

Power cable for HEV automobiles.

### Standards/Specification

KIS-ES-1121



### Construction

- ① Conductor: Tin plated copper
- ② Insulation: Fluororubber
- ③ Braided: Shield Tin plated copper
- ④ Sheath: Halogen free Polyolefine

### Product Features

Rated Voltage: 600V

Temperature Range: 200°C

High voltage cable for EV/HEV

Excellent shield effect and flexibility

Excellent heat resistance, Chemical resistance

### Technical Data

Construction	Conductors		Insulation Diameter (mm)	Shield Rate	Overall Diameter (mm)	Conductors Resistance (Ω/km)
	Construction (No./mm)	Outer Diameter (mm)				
3	65/0.26	2.4	3.8 ± 0.25	90	5.3 ± 0.3	5.65
5	65/0.32	3.0	4.6 ± 0.3	90	6.9 ± 0.4	3.72
8	154/0.26	4.0	5.6 ± 0.3	90	7.9 ± 0.4	2.43
15	171/0.32	5.3	7.5 ± 0.3	90	10.3 ± 0.45	1.44
20	247/0.32	6.5	8.7 ± 0.3	90	11.5 ± 0.45	1.00
25	323/0.32	7.4	10.2 ± 0.4	90	13.0 ± 0.5	0.76
30	361/0.32	7.8	10.6 ± 0.4	90	13.4 ± 0.5	0.68
40	494/0.32	9.1	11.9 ± 0.4	90	15.7 ± 0.55	0.52
50	608/0.32	10.1	13.3 ± 0.45	90	17.1 ± 0.6	0.42