

# Automobile Wire (AV)

## JIS Specification

### Application

Electrical wires for automobile and motorcycle.

### Construction

Conductor : Bare copper strands wire

Insulation : 80°C Lead free PVC

### Approval and Technical specification

Reference : JIS C3406 Type AV

### Description

Excellent for oil resistance and flame retardant.

Use lead free PVC compound complies with EU RoHS requirements.

Core No.	Size	Conductor Construction	Conductor Overall Diameter	Approximate Overall Diameter	Maximum Conductor Resistance
C	mm <sup>2</sup>	No./mm	mm	mm	Ω/km(20°C)
1	0.5	7/0.32	1.0	2.2	32.7
	0.5f	20/0.18	1.0	2.2	36.7
	0.75f	30/0.18	1.2	2.4	24.4
	0.85	11/0.32	1.2	2.4	20.8
	1.25	16/0.32	1.5	2.7	14.3
	1.25f	50/0.18	1.5	2.7	14.7
	2	26/0.32	1.9	3.1	8.81
	3	41/0.32	2.4	3.8	5.59
	5	65/0.32	3.0	4.6	3.52

Note : 「f」 mean flexible conductor.