

# Automobile Wire (AVS)

## JASO Specification

### 用途

汽機車之內部配線。

### 構造

導體：裸軟銅絞線

絕緣：80°C級·無鉛聚氯乙烯

### 認證及技術規格

參考規範：JASO D611 Type AVS

### 說明

耐油及耐燃性能優越。

使用無鉛 PVC 材料產品符合歐盟 RoHS 環保需求。

### Application

Electrical wires for automobile and motorcycle.

### Construction

Conductor : Bare copper strands wire

Insulation : 80°C Lead free PVC

### Approval and Technical specification

Reference : JASO D611 Type AVS

### Description

Excellent for oil resistance and flame retardant.

Use lead free PVC compound complies with EU RoHS requirements.

| 芯數       | 規格              | 導體結構                   | 導體外徑                       | 約計完成外徑                       | 最大導體電阻                       |
|----------|-----------------|------------------------|----------------------------|------------------------------|------------------------------|
| 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        | 0.3             | 7/0.26                 | 0.8                        | 1.8                          | 50.2                         |
|          | 0.5             | 7/0.32                 | 1.0                        | 2.0                          | 32.7                         |
|          | 0.5f            | 20/0.18                | 1.0                        | 2.0                          | 36.7                         |
|          | 0.75f           | 30/0.18                | 1.2                        | 2.2                          | 24.4                         |
|          | 0.85            | 11/0.32                | 1.2                        | 2.2                          | 20.8                         |
|          | 1.25            | 16/0.32                | 1.5                        | 2.5                          | 14.3                         |
|          | 1.25f           | 50/0.18                | 1.5                        | 2.5                          | 14.7                         |
|          | 2               | 26/0.32                | 1.9                        | 2.9                          | 8.81                         |
|          | 3               | 41/0.32                | 2.4                        | 3.6                          | 5.59                         |
|          | 5               | 65/0.32                | 3.0                        | 4.4                          | 3.52                         |

備註：「f」表示柔軟型導體。

Note : 「f」 mean flexible conductor.