

# PVC Insulated Wire (VFF)

## CNS Specification

### 用途

一般電機設備之配線。

### 構造

導體：裸軟銅絞線

絕緣：無鉛聚氯乙烯

### 認證及技術規格

認證規範：CNS 3199 Type VFF

識別號碼：R41040

額定電壓：300V

### 說明

使用無鉛 PVC 材料產品符合歐盟 RoHS 環保需求。

### Application

Electrical wire for equipments.

### Construction

Conductor：Bare copper strands wire

Insulation：Lead free PVC

### Approval and Technical specification

Approvals：CNS 3199 Type VFF

Identification No.：R41040

Nominal voltage：300V

### Description

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℃)                    |
| 2        | 0.5             | 20/0.18                | 0.9                        | 2.5x5.0                      | 36.7                         |
|          | 0.75            | 30/0.18                | 1.1                        | 2.7x5.4                      | 24.4                         |
|          | 1.0             | 40/0.18                | 1.3                        | 2.9x5.8                      | 18.2                         |
|          | 1.25            | 50/0.18                | 1.5                        | 3.1x6.2                      | 14.7                         |
|          | 2.0             | 37/0.26                | 1.8                        | 3.4x6.8                      | 9.5                          |