



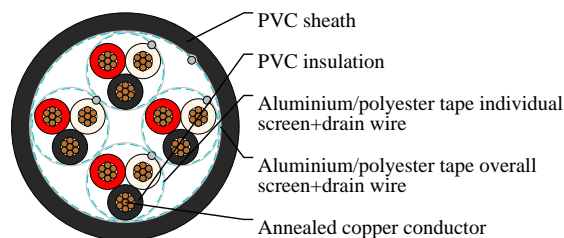
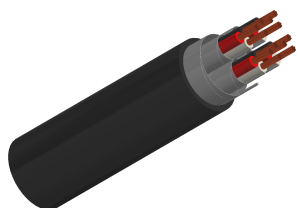
# Caledonian

## JIS Code Power & Control Cables

[www.caledonian-cables.com](http://www.caledonian-cables.com)

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### CVV-I/C AMS 4T2.5



### APPLICATIONS

Used for electric signal transmission of control or monitoring circuits for 0.6/1kV.

### CABLE CONSTRUCTION

Conductor: Stranded annealed copper wires

Insulation: Polyvinyl chloride (PVC)

Triads: Three insulated conductors uniformly twisted together

Individual Screen: Aluminium/polyester tape is applied over each pair metallic side down in contact with tinned copper drain wire.

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Overall Screen: Aluminium/polyester tape is applied over each pair metallic side down in contact with tinned copper drain wire.

Sheath: Polyvinyl chloride (PVC), Black color (other colors can be provided upon request)

### COLOUR CODE

Black, white and red with marking numbers

### PHYSICAL AND THERMAL PROPERTIES

Maximum conductor temperature 70°C

Circuit voltage not exceeding 600 volts

Test voltage: 3500 volts

### DIMENSION AND PARAMETERS

| No. of Triads | Nominal Cross-sectional Area | No. and Dia. of Wires | Conductor Diameter | Nominal Insulation Thickness | Nominal Sheath Thickness | Approx. Overall Diameter | Approx. Weight | Max. DC Resistance at 20°C |
|---------------|------------------------------|-----------------------|--------------------|------------------------------|--------------------------|--------------------------|----------------|----------------------------|
|               | mm <sup>2</sup>              | no./mm                | mm                 | mm                           | mm                       | mm                       | kg/km          | Ω/km                       |
| 4             | 2.5                          | 7/0.67                | 2.01               | 0.8                          | 1.8                      | 22.5                     | 750            | 7.56                       |