



# Caledonian

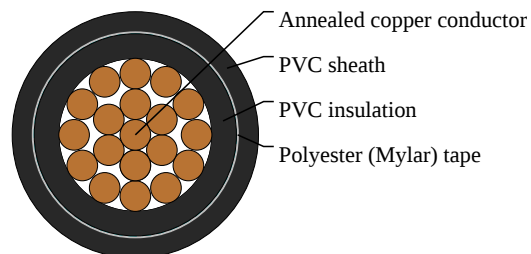
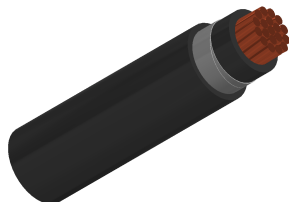
JIS Industrial Cables

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

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## JIS C 3342 Cables

VV/VVR 1C100



## APPLICATIONS

For exposed fix installation in dry location, surface wiring, concealed wiring in wooden partition or above ceiling, embedded in plaster.

## CABLE CONSTRUCTION

Conductor: circular stranded, circular or segmental compacted stranded annealed copper wires

Insulation: Polyvinyl chloride (PVC)

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Sheath: Polyvinyl chloride (PVC), Black color, other colors are upon request

Name Code:

V: Polyvinyl chloride (PVC) V: Polyvinyl chloride (PVC) R : Round type

## COLOUR CODE

1 core- Black

## PHYSICAL AND THERMAL PROPERTIES

Maximum conductor temperature 70°C

Circuit voltage not exceeding 600 volts

Test voltage 2500 volts

Insulation resistance 30 kOhm / km

## DIMENSION AND PARAMETERS

| No. of Cores | 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                       |
| 1            | 100                          | 19/2.6                | 13                 | 2                            | 1.5                      | 20                       | 1200           | 0.18                       |