



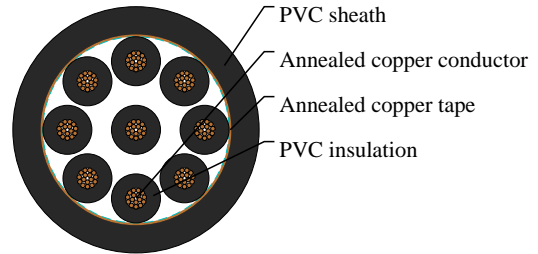
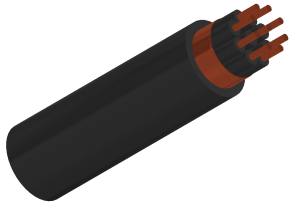
# Caledonian

JIS Code Power & Control Cables

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## FCVVS 9C0.5



## APPLICATIONS

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in dry or wet cable trenches.

## STANDARDS

IEC 60502-1

## CABLE CONSTRUCTION

Conductor: Flexible stranded annealed copper wires

Insulation: Polyvinyl chloride (PVC)

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Shield: Annealed copper tape, 0.1mm

Outer sheath: Polyvinyl chloride (PVC), Black color (A special flame retardant can be supplied)

## COLOUR CODE

Black core 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 Cores | Nominal Cross-sectional Area | No. and Dia. of Wires | Conductor Diameter | Nominal Insulation Thickness | Nominal Sheath Thickness | Approx. Overall Diameter | Approx. Weight | Min. Insulation Resistance at 70 °C | Max. DC Resistance at 20°C |
|--------------|------------------------------|-----------------------|--------------------|------------------------------|--------------------------|--------------------------|----------------|-------------------------------------|----------------------------|
|              | mm <sup>2</sup>              | no./mm                | mm                 | mm                           | mm                       | mm                       | kg/km          | Ohm/km                              | Ω/km                       |
| 9            | 0.5                          | 16/0.2                | 0.92               | 0.6                          | 1.3                      | 14.5                     | 240            | 0.013                               | 39                         |