



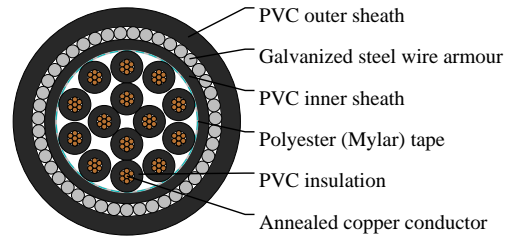
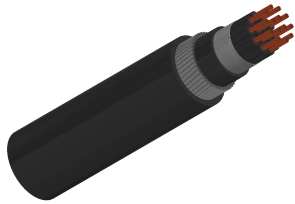
# Caledonian

JIS Code Power & Control Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## CVV-SWA 14C1



## APPLICATIONS

For use in duct, tray and for direct burying in ground. The cable is subject to immerse in water all the line.

## STANDARDS

IEC 60502-1

## CABLE CONSTRUCTION

Conductor: Stranded annealed copper wires

Insulation: Polyvinyl chloride (PVC)

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Inner sheath: Polyvinyl chloride (PVC), Black color

Armour: Galvanized steel wire

Separator Tape : Polyester (Mylar) tape

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 Inner Sheath Thickness | Nominal Outer Sheath Thickness | Nominal Steel Wire Armour Diameter | 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                             | mm                                 | mm                       | kg/km          | Ohm/km                              | Ω/km                       |



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|    |   |        |      |     |   |     |      |    |     |        |      |
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| 14 | 1 | 7/0.43 | 1.29 | 0.8 | 1 | 1.8 | 1.25 | 24 | 930 | 0.0128 | 18.1 |
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