



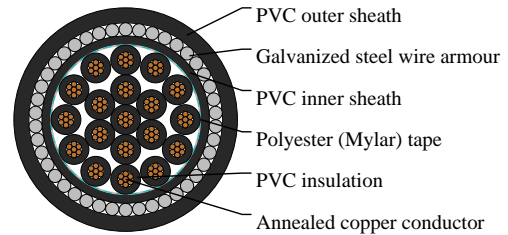
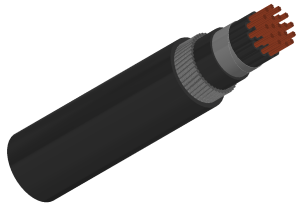
Caledonian

JIS Code Power & Control Cables

www.caledonian-cables.com

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CVV-SWA 19C2.5



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 ² | no./mm | mm | mm | mm | mm | mm | mm | kg/km | Ohm/km | Ω/km |



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|----|-----|--------|------|-----|---|-----|-----|----|------|--------|------|
| 19 | 2.5 | 7/0.67 | 2.01 | 0.8 | 1 | 1.8 | 1.6 | 30 | 1730 | 0.0093 | 7.41 |
|----|-----|--------|------|-----|---|-----|-----|----|------|--------|------|