



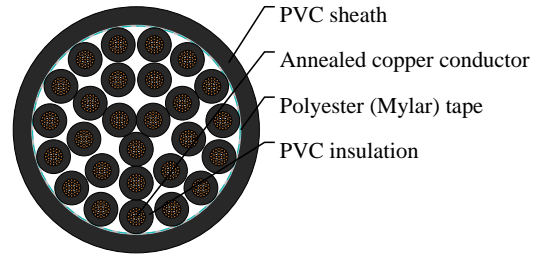
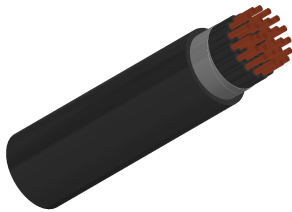
Caledonian

JIS Code Power & Control Cables

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FCVV 27C1



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)

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 ² | no./mm | mm | mm | mm | mm | kg/km | Ohm/km | Ω/km |
| 27 | 1 | 32/0.2 | 1.31 | 0.6 | 1.4 | 20 | 530 | 0.0104 | 19.5 |