



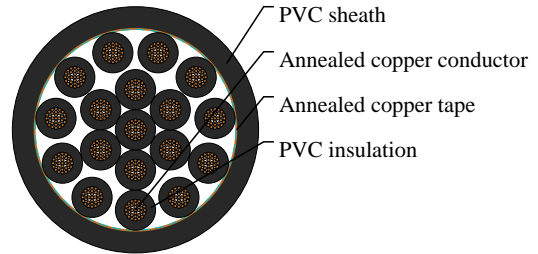
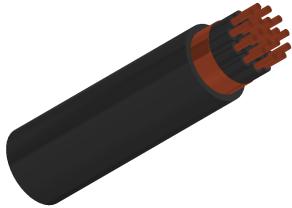
# Caledonian

JIS Code Power & Control Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## FCVVS 18C1



## 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
18	1	32/0.2	1.31	0.6	1.5	20	530	0.0104	19.5