



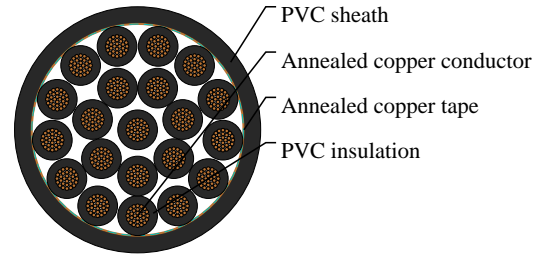
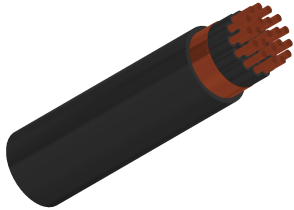
# Caledonian

JIS Code Power & Control Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## FCVVS 21C2.5



### 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                       |
| 21           | 2.5                          | 50/0.25               | 2.04               | 0.7                          | 1.7                      | 26.5                     | 1060           | 0.0081                              | 7.98                       |