



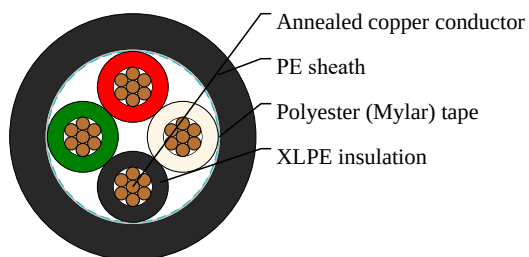
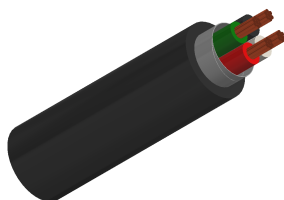
# Caledonian

JIS Code Power & Control Cables

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## CCE 4C2.5



## APPLICATIONS

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in dry or wet cable trenches.

## STANDARDS

IEC 60502-1

## CABLE CONSTRUCTION

Conductor: Stranded annealed copper wires

Insulation: Cross-linked polyethylene(XLPE)

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Sheath: Polyethylene(PE), Black color (A special flame retardant sheath can be supplied)

## COLOUR CODE

4 cores- Black, white, red and green

## PHYSICAL AND THERMAL PROPERTIES

Maximum conductor temperature 90°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 | Max. DC Resistance at 20°C |
|--------------|------------------------------|-----------------------|--------------------|------------------------------|--------------------------|--------------------------|----------------|----------------------------|
|              | mm <sup>2</sup>              | no./mm                | mm                 | mm                           | mm                       | mm                       | kg/km          | Ω/km                       |
| 4            | 2.5                          | 7/0.67                | 2.01               | 0.7                          | 1.8                      | 13                       | 220            | 7.41                       |