



# Caledonian

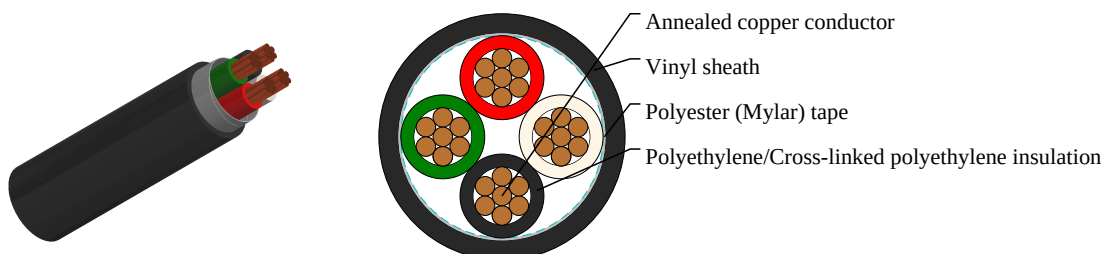
## JIS Industrial Cables

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### JIS C 3605 Cables

EV/CV 4C14



### APPLICATIONS

For general purpose power distribution in wet or dry locations, installed in air, in conduit or duct, or directly buried.

### CABLE CONSTRUCTION

Conductor: Circular, circular or segmental compacted stranded annealed copper wires

Separator: A proper separator may be applied to a conductor

Insulation: Polyethylene/Cross-linked polyethylene

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Sheath: Vinyl, Black color

Name Code:

E: Polyethylene C: Cross-linked polyethylene V: Vinyl

### 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 2000 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            | 14                           | 7/1.6                 | 4.8                | 1                            | 1.5                      | 20                       | 765            | 1.33                       |