



# Caledonian

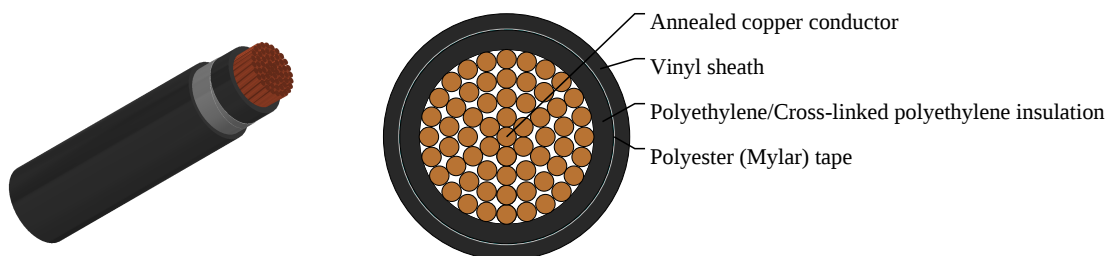
JIS Industrial Cables

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## JIS C 3605 Cables

EV/CV 1C325



## 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

## PHYSICAL AND THERMAL PROPERTIES

Maximum conductor temperature 90°C

Circuit voltage not exceeding 600 volts

Test voltage 3000 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                       |
| 1            | 325                          | compacted             | 21.7               | 2.5                          | 1.9                      | 31.5                     | 3410           | 0.0568                     |