



Caledonian

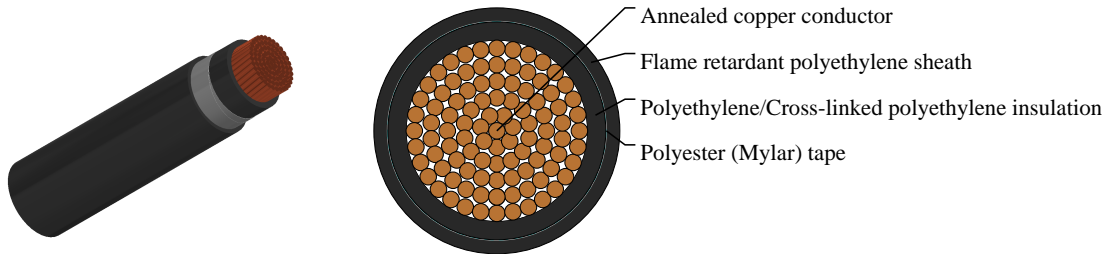
JIS Industrial Cables

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JIS C 3605 Cables

EE/F(EM-EE) CE/F(EM-CE) 1C800



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: Flame retardant polyethylene, Black color

Name Code:

E: Polyethylene C: Cross-linked polyethylene /F: Flame retardant polyethylene

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 ² | no./mm | mm | mm | mm | mm | kg/km | Ω/km |
| 1 | 800 | compacted | 34 | 3.5 | 2.5 | 47.5 | 8150 | 0.0231 |