



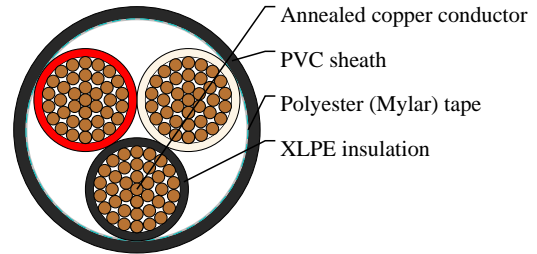
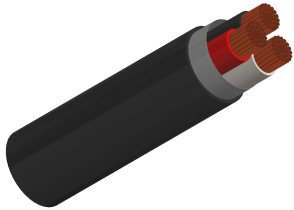
Caledonian

JIS Code Power & Control Cables

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CV 3C120



APPLICATIONS

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

STANDARDS

IEC 60502-1

CABLE CONSTRUCTION

Conductor: Circle or circle compacted stranded annealed copper wires

Insulation: Cross-linked polyethylene(XLPE)

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Sheath: Polyvinyl chloride (PVC), Black color.(A special flame retardant sheath can be supplied)

COLOUR CODE

3 cores- Black, white and red

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 |
| 3 | 120 | compacted | 12.9 | 1.2 | 2.1 | 41 | 3790 | 0.153 |