



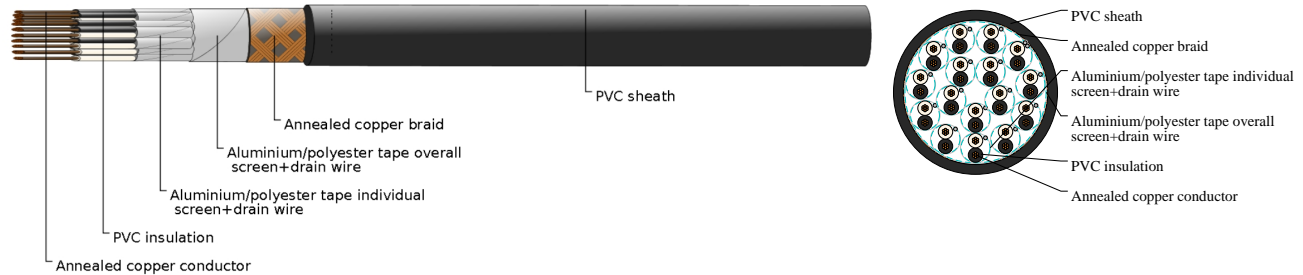
Caledonian

JIS Code Power & Control Cables

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CVV-I/C SB 16P1.5



APPLICATIONS

Used for electric signal transmission of control or monitoring circuits for 0.6/1kV.

CABLE CONSTRUCTION

Conductor: Stranded annealed copper wires

Insulation: Polyvinyl chloride (PVC)

Pairing: Two insulated conductors uniformly twisted together

Individual Screen: Aluminium/polyester tape is applied over each pair metallic side down in contact with tinned copper drain wire

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Overall Screen 1: Aluminium/polyester tape is applied over each pair metallic side down in contact with tinned copper drain wire

Overall Screen 2: Annealed copper braid

Sheath: Polyvinyl chloride (PVC), Black color (other colors can be provided upon request)

COLOUR CODE

Black and white with marking numbers

PHYSICAL AND THERMAL PROPERTIES

Maximum conductor temperature 70°C

Circuit voltage not exceeding 600 volts

Test voltage: 3500 volts

DIMENSION AND PARAMETERS

| No. of Pairs | 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 |
| 16 | 1.5 | 7/0.53 | 1.59 | 0.8 | 2.1 | 37 | 1340 | 12.3 |