



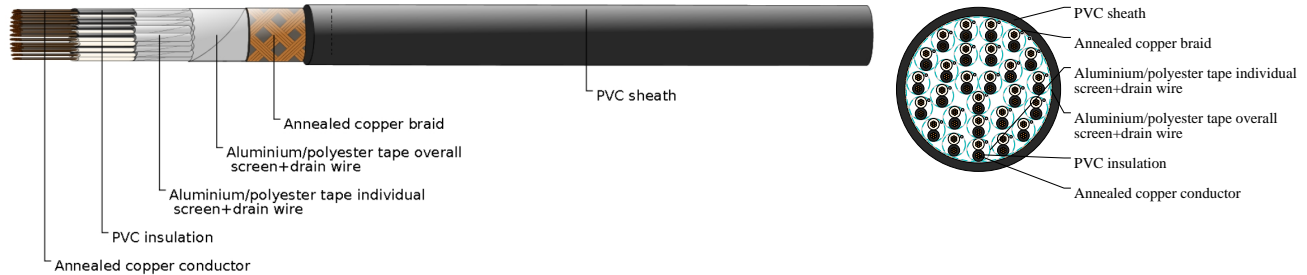
Caledonian

JIS Code Power & Control Cables

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CVV-I/C SB 27P2.5



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
27	2.5	7/0.67	2.01	0.8	2.7	53	2960	7.56