



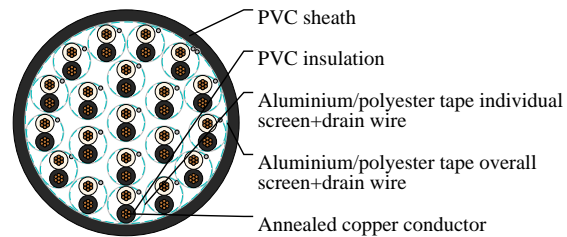
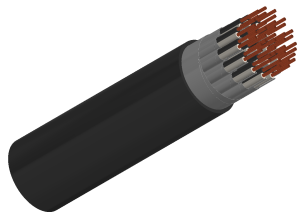
# Caledonian

JIS Code Power & Control Cables

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## CVV-I/C AMS 20P2.5



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

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 <sup>2</sup>              | no./mm                | mm                 | mm                           | mm                       | mm                       | kg/km          | Ω/km                       |
| 20           | 2.5                          | 7/0.67                | 2.01               | 0.8                          | 2.2                      | 40                       | 2210           | 7.56                       |