



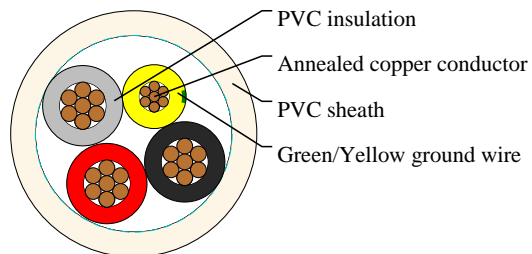
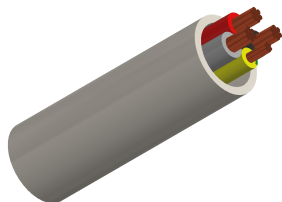
# Caledonian

JIS Code Power & Control Cables

[www.caledonian-cables.com](http://www.caledonian-cables.com)

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## VVR-GRD 3C2.5+1G1.5



## APPLICATIONS

For exposed wiring in air or use raceway, dry location.

## STANDARDS

TIS 11-2531

## CABLE CONSTRUCTION

Conductor: Stranded annealed copper

Insulation: Polyvinyl chloride (PVC)

Color: Light gray, Black, Red, Ground core: Green/Yellow

Sheath: Polyvinyl chloride (PVC), white color

## PHYSICAL AND THERMAL PROPERTIES

Maximum conductor temperature 70°C

Circuit voltage not exceeding 750 volts

Test voltage 2500 volts

## DIMENSION AND PARAMETERS

| No. of Cores | Conductor Size  | No. and Dia. of Wires | Nominal Earth Conductor Area | Pilot Conductor Strand Size | Nominal Insulation Thickness | Nominal Sheath Thickness | Overall Diameter (max.) | Approx. Weight | Min. Insulation Resistance at 70 °C | Current rating in the air |
|--------------|-----------------|-----------------------|------------------------------|-----------------------------|------------------------------|--------------------------|-------------------------|----------------|-------------------------------------|---------------------------|
|              | mm <sup>2</sup> | no./mm                | mm <sup>2</sup>              | no./mm                      | mm                           | mm                       | mm                      | kg/km          | Ohm/km                              | A                         |
| 3+1          | 2.5             | 7/0.67                | 1.5                          | 7/0.5                       | 0.7                          | 1.2                      | 12.5                    | 180            | 0.0084                              | 21                        |