





# Caledonian

Industrial Cables (Australian Standard Medium Voltage)

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| mm <sup>2</sup> | Ohm/km | Ohm/km | Ohm/MegOhm.km | µF × km | kV × mm | A × km | W × km | Ohm/km | Ohm/km | Ohm/km | Ohm/km |        |
|-----------------|--------|--------|---------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 35              | 0.524  | 0.668  | 0.12          | 8700    | 0.276   | 1.93   | 0.33   | 5.01   | 0.533  | 0.657  | 1.41   | 0.0712 |

## DIMENSION AND PARAMETERS

| Nominal Cross-sectional Area | Conductor Diameter | Nominal Insulation Thickness | Nominal Diameter over Insulation | Nominal Dia. over Bedding | Screen Area on Each core | No. Diameter of Screened Wires | Nominal Armour Wire Diameter | Diameter under Armour | Nom. Diameter Over Screened Wires | Nom. Overall Diameter | Approx. Weight |
|------------------------------|--------------------|------------------------------|----------------------------------|---------------------------|--------------------------|--------------------------------|------------------------------|-----------------------|-----------------------------------|-----------------------|----------------|
| mm <sup>2</sup>              | mm                 | mm                           | mm                               | mm                        | mm <sup>2</sup>          | no x mm                        | mm                           | mm                    | mm                                | mm                    | kg/km          |
| 35                           | 6.8                | 2.5                          | 13                               | 38.5                      | 34                       | 20x0.85                        | 2.5                          | 43.5                  | 16.3                              | 48.7                  | 440            |