





# 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 |        |
|-----------------|--------|--------|---------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 120             | 0.153  | 0.196  | 0.0969        | 5400    | 0.447   | 1.74   | 0.534  | 8.11   | 0.266  | 0.487  | 0.669  | 0.0491 |

## 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          |
| 120                          | 13.1               | 2.5                          | 19.2                             | 52.3                      | 68.1                     | 40x0.85                        | 2.5                          | 57.3                  | 22.5                              | 63.3                  | 850            |