



Caledonian

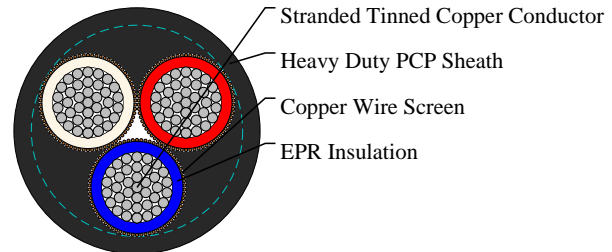
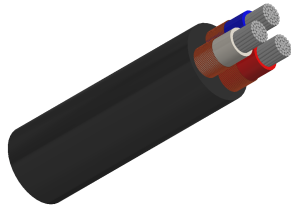
Mining Cables (AS_NZS Standard)

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AS/NZS 1972:2006 Cables

Type A & B 1.1/1.1KV 3C120



APPLICATIONS

These cables are used as 1.1kV cables to distribute power within the mine, suitable for use in underground coal mines. For Type A cables, optional 3 pilots can be selected.

STANDARDS

AS/NZS 1972:2006

AS/NZS 1125

AS/NZS 3808

CABLE CONSTRUCTION

Conductors: Stranded tinned annealed copper conductor.

Insulation: EPR.

Filling: Elastomer centre filler.

Optional Pilot Core (Type A only): CPE composite insulated and covered pilot conductor.

Screen (earth conductor): Copper wire.

Sheath: Heavy duty PCP sheath.

DIMENSION AND PARAMETERS

| No. of Cores | Nominal Cross-sectional Area | No./ Nominal Diameter of Strands | Core Screen Strand Size | Core Screen Area of Screen | Pilot Conductor Strand Size | Pilot Conductor Thickness of Covering | Nominal Insulation Thickness | Nominal Sheath Thickness | Nom. Overall Diameter | Approx. Weight |
|--------------|------------------------------|----------------------------------|-------------------------|----------------------------|-----------------------------|---------------------------------------|------------------------------|--------------------------|-----------------------|----------------|
| | mm ² | no./mm | no./mm | mm ² | no./mm | mm | mm | mm | mm | kg/km |
| 3 | 120 | 37/2.03 | 65/0.67 | 22.9 | 80/0.25 | 2 | 2.2 | 3.8 | 51.1 | 615 |