



## Caledonian

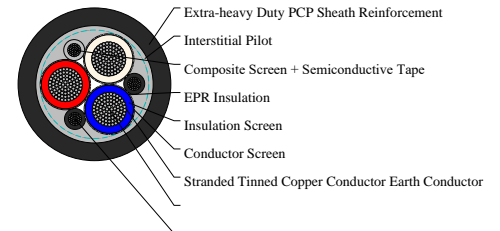
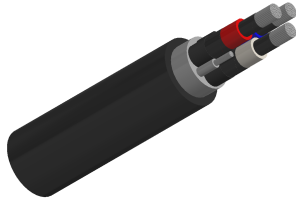
Mining Cables (AS\_NZS Standard)

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

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

### AS/NZS 2802:2000 Reeling & Trailing Cables

Type 450 Class1 6.6KV 3C70



### APPLICATIONS

These cables are suitable for supply of power to a wide range of applications, from dragline cable to slow reeling applications, where copper screened cable is required but light weight and smaller dimensions are also desired.

### STANDARDS

AS/NZS 2802:2000

AS/NZS 1125

AS/NZS 3808

AS/NZS 5000.1

### CABLE CONSTRUCTION

3×Conductors: Flexible stranded tinned annealed copper conductor.

Conductor Screen: Semiconductive compound.

Insulation: EPR.

Insulation Screen: Semiconductive elastomer.

Composite Screen: Tinned annealed copper braiding interwove with polyester yarn, covered with semiconductive tape.

Filler: Elastomer centre filler.

2×Interstitial Earth Conductor: CSP covered flexible stranded tinned copper conductor.

1×Interstitial Pilot: EPR covered flexible stranded tinned copper conductor.

Textile Reinforcement: Open-weave braid reinforcement.

Sheath: Extra-heavy duty PCP sheath. Extra-heavy duty CPE/CSP sheath can be offered upon request.

### COLOUR CODE

Rotational sequence of core colours: Red, Black, White, Black, Blue, Grey

### DIMENSION AND PARAMETERS

Nominal Cross-sectional Area	No./ Nominal Diameter of Strands	Core Screen Strand Size	Core Screen Area of Screen	Pilot/ Earth Conductor Strand Size	Pilot/ Earth Conductor Thickness	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight
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					of Covering				
mm <sup>2</sup>	no./mm	no./mm	mm <sup>2</sup>	no./mm	mm	mm	mm	mm	kg/km
70	203/0.67	123/0.4	15.5	54/0.67	1.6	3	6.3	64.3	682