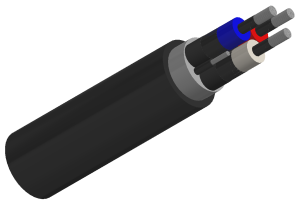
Caledonian

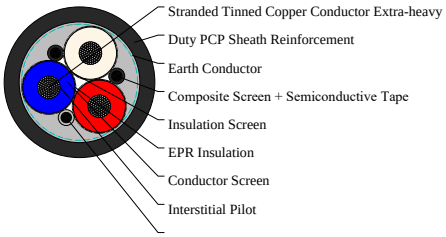
Mining Cables (AS_NZS Standard)

www.caledonian-cables.com marketing@caledonian-cables.com

AS/NZS 2802:2000 Reeling & Trailing Cables

Type 450 Class1 11KV 3C50





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				
mm²	no./mm	no./mm	mm²	no./mm	mm	mm	mm	mm	kg/km
50	380/0.4	135/0.4	17	183/0.3	2	5	6.5	69.3	692