



Caledonian

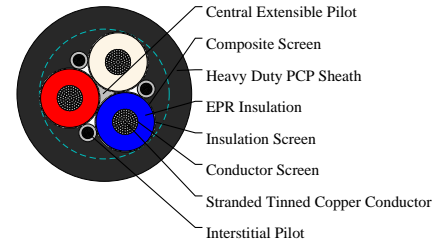
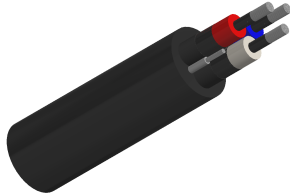
Mining Cables (AS_NZS Standard)

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AS/NZS 1802:2003 Reeling & Trailing Cables

Type 240 11KV 3C50



APPLICATIONS

These cables are mainly used as feeder cables for power supply to machinery or longwall supply. Cable contains 3 large pilots and large Core Screens provide for low resistance earthing.

STANDARDS

AS/NZS 1802:2003

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 (earth conductor): Tinned annealed copper braiding interwove with polyester yarn.

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

Cradle Separator: Semiconductive PCP.

Sheath: Heavy duty PCP sheath. Heavy duty CPE/CSP sheath can be offered upon request.

COLOUR CODE

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

DIMENSION AND PARAMETERS

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
50	380/0.4	7/0.3	31.7	120/0.3	2	7.6	8.7	83.6	961