



Caledonian

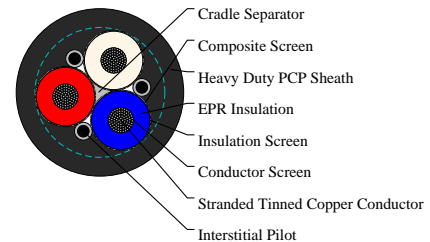
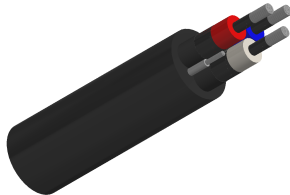
Mining Cables (AS_NZS Standard)

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AS/NZS 2802:2000 Reeling & Trailing Cables

Type 440 Class2 6.6KV 3C50



APPLICATIONS

These cables are mainly used as flexible feeder trailing cables for power supply to machinery and equipment, include 3 large pilots and a central semiconductive cradle for support and protection of power cores.

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 (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	7/0.25	21.3	120/0.3	1.6	5	7.3	68.5	685