



Caledonian

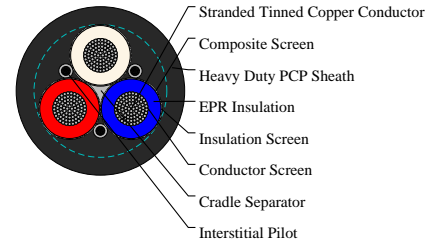
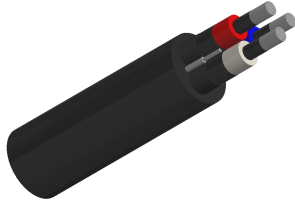
Mining Cables (AS_NZS Standard)

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AS/NZS 2802:2000 Reeling & Trailing Cables

Type 440 Class2 6.6KV 3C150



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 |
| 150 | 427/0.67 | 7/0.4 | 45.7 | 56/0.67 | 1.8 | 5 | 8.9 | 89.1 | 1335 |