



Caledonian

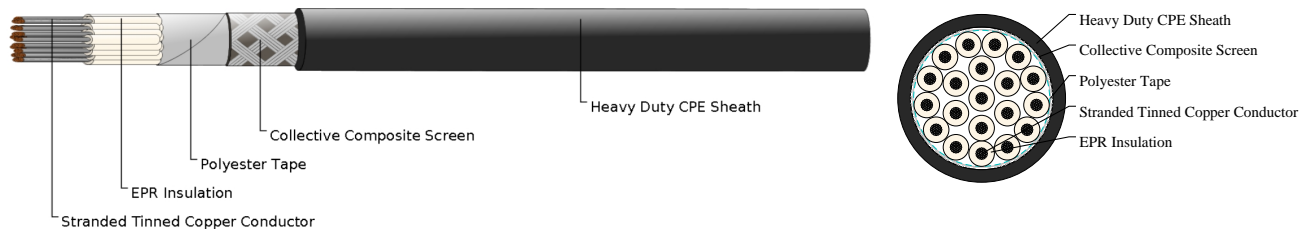
Mining Cables (AS_NZS Standard)

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AS/NZS 1972:2006 Cables

Type 2S 1.1/1.1KV Collectively Screened 20C1.5



APPLICATIONS

These collectively copper screened cables are used for wiring of machines or between machines and equipment where a rubber cable is desired. These cables are also used for longwall lighting circuits, and may contain pilot and control cores or twisted pair and screened cores.

STANDARDS

AS/NZS 1972:2006

AS/NZS 1125

AS/NZS 3808

CABLE CONSTRUCTION

Conductors: Stranded tinned annealed copper conductor.

Insulation: EPR.

Filling: Elastomer centre filler.

Bedding: Polyester tape.

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

Sheath: Heavy duty CPE sheath.

DIMENSION AND PARAMETERS

| No. of Cores | Nominal Cross-sectional Area | No./ Nominal Diameter of Strands | Core Screen Strand Size | Core Screen Area of Screen | Nominal Insulation Thickness | Nominal Sheath Thickness | Nom. Overall Diameter | Approx. Weight |
|--------------|------------------------------|----------------------------------|-------------------------|----------------------------|------------------------------|--------------------------|-----------------------|----------------|
| | mm ² | no./mm | no./mm | mm ² | mm | mm | mm | kg/km |
| 20 | 1.5 | 30/0.25 | 0.2 | 159 | 1 | 1.8 | 53.2 | 82 |