



# Caledonian

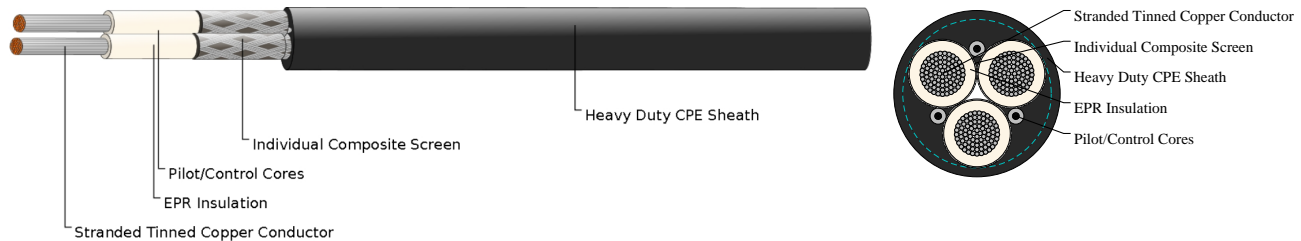
Mining Cables (AS\_NZS Standard)

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## AS/NZS 1972:2006 Cables

Type 2S 1.1/1kV Individually Screened 3C50



## APPLICATIONS

These individually 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.

Pilot/Control Cores: EPR covered and composite screened flexible stranded tinned copper conductor.

Individual 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	Pilot Conductor Strand Size	Pilot Conductor Thickness of Covering	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight
	mm <sup>2</sup>	no./mm	no./mm	mm <sup>2</sup>	no./mm	mm	mm	mm	mm	kg/km
3	50	380/0.4	0.25	17.5	30/0.2	1	1.6	1.9	36.1	260