



Caledonian

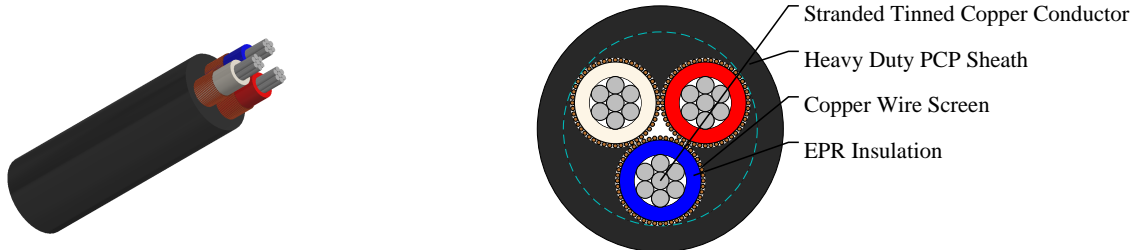
Mining Cables (AS_NZS Standard)

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AS/NZS 1972:2006 Cables

Type A & B 1.1/1.1KV 3C16



APPLICATIONS

These cables are used as 1.1kV cables to distribute power within the mine, suitable for use in underground coal mines. For Type A cables, optional 3 pilots can be selected.

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.

Optional Pilot Core (Type A only): CPE composite insulated and covered pilot conductor.

Screen (earth conductor): Copper wire.

Sheath: Heavy duty PCP 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 ²	no./mm	no./mm	mm ²	no./mm	mm	mm	mm	mm	kg/km
3	16	7/1.7	48/0.4	6	24/0.2	1.6	1.4	2.5	24.6	120