



# Caledonian

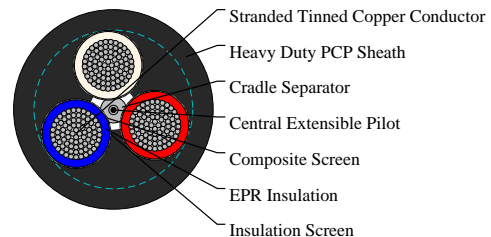
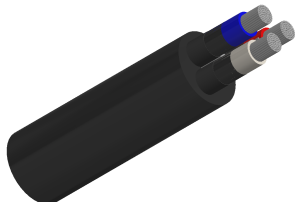
Mining Cables (AS\_NZS Standard)

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## AS/NZS 2802:2000 Reeling & Trailing Cables

Type 409 Class2 1.1KV 3C185



## APPLICATIONS

Type 409 series cable is mainly used as a flexible feeder to machinery, more suitable as a trailing cable rather than for reeling. Smaller cables are used for drills and hand held tools and equipment, while larger ones are used for power supply to draglines, shovels and drills.

## 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.

Insulation: EPR.

Insulation Screen: Semiconductive elastomer.

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

Cradle Separator: Semiconductive PCP.

1×Central Extensible Pilot: EPR covered flexible stranded tinned copper conductor.

Sheath: Heavy duty PCP sheath. Heavy duty CPE/CSP sheath can be offered upon request.

## COLOUR CODE

Rotational sequence of core colours: Red, White, Blue. The central pilot core is 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 <sup>2</sup>	no./mm	no./mm	mm <sup>2</sup>	no./mm	mm	mm	mm	mm	kg/km
185	518/0.67	7/0.4	40.5	40/0.2	0.8	2.5	7.4	78.6	1160