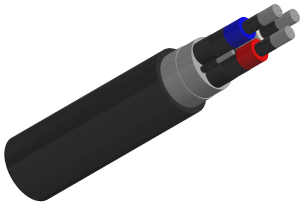
Caledonian

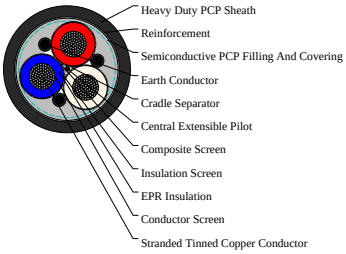
Mining Cables (AS_NZS Standard)

www.caledonian-cables.com marketing@caledonian-cables.com

AS/NZS 1802:2003 Reeling & Trailing Cables

Type 241 3.3KV 3C185





APPLICATIONS

These cables are designed for various uses, including main feeder cable for continuous miners, pump cable, and power supply cable. Overall semiconductive screen provides protective earth contact for any object breaching the sheath prior to contact with power conductors.

STANDARDS

AS/NZS 1802:2003
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.
Cradle Separator: Semiconductive PCP.
Overall Core Screen: Semiconductive PCP filling and covering.
3×Interstitial Earth Conductor: Semiconductive PCP covered flexible stranded tinned copper conductor.
1×Central Extensible Pilot: EPR covered flexible stranded tinned copper conductor.
Textile Reinforcement: Open-weave braid reinforcement.
Sheath: Heavy duty PCP sheath. Heavy duty CPE/CSP sheath can be offered upon request.

COLOUR CODE

Rotational sequence of core colours: Red, Black, White, Black, Blue, Black

DIMENSION AND PARAMETERS

Nominal Cross-sectional Area	No./ Nominal Diameter of Strands	Earth Conductor Strand Size	Earth Conductor Thickness of Covering	Pilot Conductor Strand Size	Pilot Conductor Thickness of Covering	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight

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mm²	no./mm	no./mm	mm	no./mm	mm	mm	mm	mm	kg/km
185	518/0.67	91/0.67	1.4	40/0.2	0.8	3	8	79.2	1130