



# Caledonian

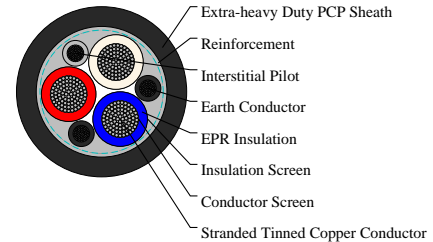
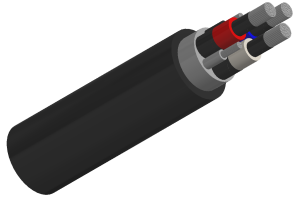
Mining Cables (AS\_NZS Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

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

Type 455 Class1 3.3KV 3C50



### APPLICATIONS

These cables are designed with reduced insulation and sheath thickness, no cradle, 2 earth and 1 pilot core (each earth and pilot are the same size) in the outer interstices. These cables are suitable for reeling and trailing applications where minimal diameter and mass is desired, particularly suited to stacker-reclaimer applications.

### 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.

Conductor Screen: Semiconductive compound.

Insulation: EPR.

Insulation Screen: Semiconductive elastomer.

Filler: Elastomer centre filler.

2×Interstitial Earth Conductor: CSP covered flexible stranded tinned copper conductor.

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

Textile Reinforcement: Open-weave braid reinforcement.

Sheath: Extra-heavy duty PCP sheath. Extra-heavy duty CPE/CSP sheath can be offered upon request.

### COLOUR CODE

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

### DIMENSION AND PARAMETERS

Nominal Cross-sectional Area	No./Nominal Diameter of Strands	Pilot/Earth Conductor Strand Size	Pilot/Earth Conductor Thickness of Covering	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight
mm <sup>2</sup>	no./mm	no./mm	mm	mm	mm	mm	kg/km



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50	380/0.4	183/0.3	1.4	2.4	5.3	51.9	424
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