



Caledonian

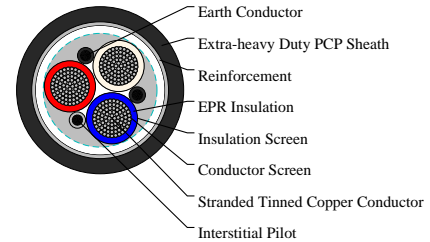
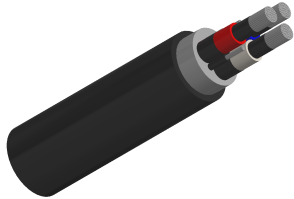
Mining Cables (AS_NZS Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

AS/NZS 2802:2000 Reeling & Trailing Cables

Type 455 Class1 3.3KV 3C150



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 ² | no./mm | no./mm | mm | mm | mm | mm | kg/km |



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|-----|----------|----------|-----|-----|-----|------|-----|
| 150 | 427/0.67 | 112/0.67 | 1.6 | 2.4 | 6.5 | 69.7 | 931 |
|-----|----------|----------|-----|-----|-----|------|-----|