



Caledonian

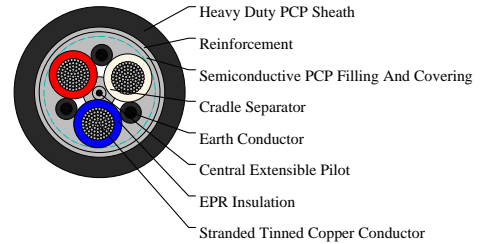
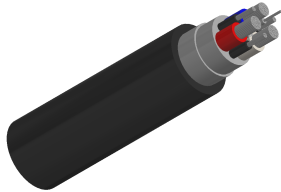
Mining Cables (AS_NZS Standard)

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AS/NZS 1802:2003 Reeling & Trailing Cables

Type 275 1.1/1.1KV 3C35



APPLICATIONS

These cables are mainly used as a flexible feeder for shuttle cars and pump. Earth cores designed to reduce instances of wire breaks during reeling while under tension.

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.

Insulation: EPR.

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 |
|------------------------------|---------------------------------|-----------------------------|---------------------------------------|-----------------------------|---------------------------------------|------------------------------|--------------------------|-----------------------|----------------|
| mm ² | no./mm | no./mm | mm | no./mm | mm | mm | mm | mm | kg/km |
| 35 | 285/0.4 | 104/0.3 | 1 | 24/0.2 | 0.8 | 1.6 | 4.3 | 37.9 | 270 |