



Caledonian

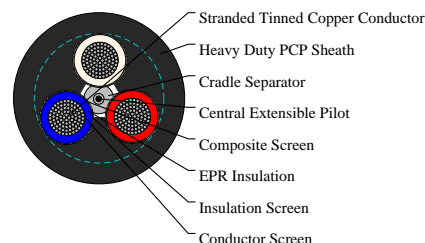
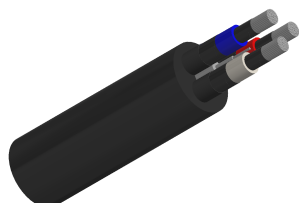
Mining Cables (AS_NZS Standard)

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AS/NZS 1802:2003 Reeling & Trailing Cables

Type 209 3.3KV 3C70



APPLICATIONS

Type 209 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.

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 (for cables having a voltage rating of 3.3/3.3kV and above).

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

Type 209: Red, White, Blue

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 ² | no./mm | no./mm | mm ² | no./mm | mm | mm | mm | mm | kg/km |
| 70 | 203/0.67 | 7/0.25 | 18.6 | 40/0.2 | 0.8 | 3 | 6.6 | 62.5 | 624 |