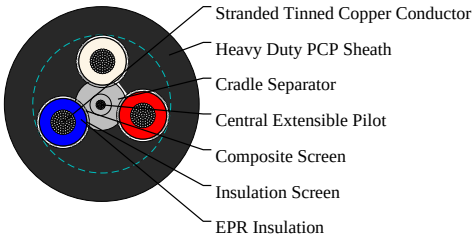
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AS/NZS 1802:2003 Reeling & Trailing Cables

Type 209 1.1KV 3C6





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.
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.

Type 209 cables under the AS/NZS 1802:2003 standard are integral to the mining industry, providing reliable and safe power distribution in challenging environments.
Their robust construction, high flexibility, and resistance to mechanical and environmental stresses make them indispensable for mining and heavy-duty industrial applications.
Ensuring compliance with this standard guarantees enhanced safety, operational efficiency, and longevity of the cables in demanding conditions.

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
mm²	no./mm	no./mm	mm²	no./mm	mm	mm	mm	mm	kg/km
6	84/0.3	7/0.25	7.2	24/0.2	0.8	1.5	3.8	30	129