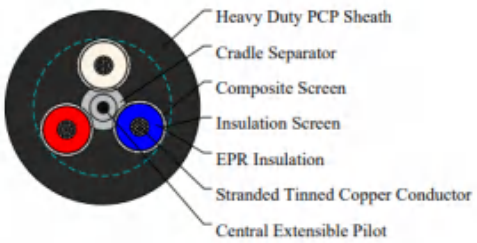
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AS/NZS 1802:2003 Reeling & Trailing Cables

Type 210 1.1KV 3C2.5





APPLICATIONS

Type 210 cables are ideal for a variety of mining and industrial applications where cables are subject to high mechanical stresses.

STANDARDS

AS/NZS 1802:2003
AS/NZS 1125
AS/NZS 3808
AS/NZS 5000.1

CABLE CONSTRUCTION

1. Conductor:
   - **Material:** High-conductivity, annealed copper.
   - **Stranding:** Class 5 flexible stranding according to DIN EN 60228 / VDE 0295, ensuring excellent flexibility and durability.
2. Insulation:
   - **Material:** Ethylene Propylene Rubber (EPR).
   - **Characteristics:** EPR insulation offers superior electrical properties, resistance to heat, moisture, and chemicals, ensuring reliable performance in adverse conditions.
3. Sheath:
   - **Inner Sheath:** Thermoplastic elastomer (TPE) providing mechanical protection and maintaining flexibility.
   - **Outer Sheath:** Heavy-duty rubber, such as Chloroprene Rubber (CR), offering high resistance to abrasion, oils, and UV radiation, essential for outdoor and industrial use.

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
2.5	50/0.25	7/0.25	5.8	24/0.2	0.8	1.5	3	25.1	92