Caledonian

Mining Cables (AS_NZS Standard)

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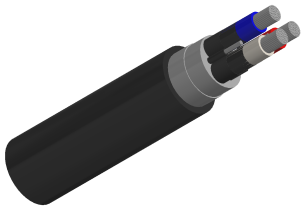
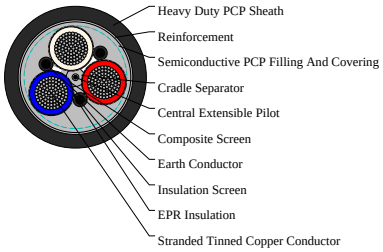
AS/NZS 1802:2003 Reeling & Trailing Cables

Type 241 Superflex 1.1KV 3C150





APPLICATIONS

These cables are similar to Type 241 cables, except more flexible and have a smaller ‘natural’ bending radius, suitable for use as monorail cable where cable loops will be narrower, thus allowing more space for other equipment and reducing opportunities for getting snagged.

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.
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
mm²	no./mm	no./mm	mm	no./mm	mm	mm	mm	mm	kg/km

150	740/0.5	135/0.4	1.2	40/0.2	0.8	2.3	6.7	67	840