

Caledonian

Mining Cables (AS NZS Standard)

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AS/NZS 1802:2003 Reeling & Trailing Cables

Type 241 Superflex 3.3KV 3C70





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.

Conductor Screen: Semiconductive compound.

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	No./	Earth	Earth	Pilot	Pilot	Nominal	Nominal	Nom.	Approx.
Cross-	Nominal	Conductor	Conductor	Conductor	Conductor	Insulation	Sheath	Overall	Weight
sectional	Diameter	Strand	Thickness	Strand	Thickness	Thickness	Thickness	Diameter	
Area	of	Size	of	Size	of				
	Strands		Covering		Covering				



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mm²	no./mm	no./mm	mm	no./mm	mm	mm	mm	mm	kg/km
70	361/0.5	110/0.4	1.2	40/0.2	0.8	3	6.4	61.2	590