

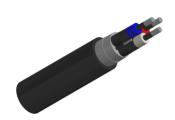
# Caledonian

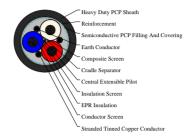
## Mining Cables (AS NZS Standard)

www.caledonian-cables.com marketing@caledonian-cables.com

### AS/NZS 1802:2003 Reeling & Trailing Cables

Type 241 Superflex 6.6KV 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	1.4	40/0.2	0.8	5	7.4	72.1	750