



Caledonian

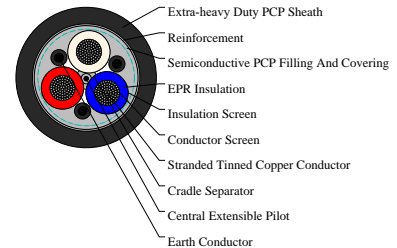
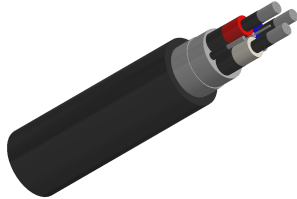
Mining Cables (AS_NZS Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

AS/NZS 2802:2000 Reeling & Trailing Cables

Type 441 Class1 3.3KV 3C16



APPLICATIONS

Type 441 Class 1 series cable has lower insulation and sheath radials than Class 2 cables, designed for many uses, suitable for trailing and also suitable for reeling applications, have one central pilot and a semiconductive cradle supporting and protecting the power cores, which makes these cables less likely to be damaged from crushing and squashing.

STANDARDS

AS/NZS 2802:2000

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: Extra-heavy duty PCP sheath. Extra-heavy duty CPE/CSP sheath can be offered upon request.

COLOUR CODE

Rotational sequence of core colours: Red, Black, White, Black, Blue, Black. The central pilot core is grey.

DIMENSION AND PARAMETERS

Nominal Cross-sectional Area	No./ Nominal Diameter	Earth Conductor Strand Size	Earth Conductor Thickness	Pilot Conductor Strand Size	Pilot Conductor Thickness	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight
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	of Strands		of Covering		of Covering				
mm ²	no./mm	no./mm	mm	no./mm	mm	mm	mm	mm	kg/km
16	126/0.4	81/0.3	1	24/0.2	0.8	2.2	4.6	43	241