



Caledonian

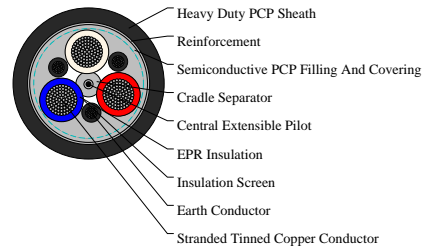
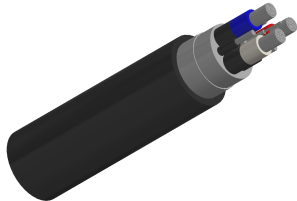
Mining Cables (AS_NZS Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

AS/NZS 2802:2000 Reeling & Trailing Cables

Type 441 Class2 1.1KV 3C70



APPLICATIONS

These Class 2 cables are 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.

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. The central pilot core is grey.

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 |
|------------------------------|----------------------------------|-----------------------------|---------------------------------------|-----------------------------|---------------------------------------|------------------------------|--------------------------|-----------------------|----------------|
| mm ² | no./mm | no./mm | mm | no./mm | mm | mm | mm | mm | kg/km |



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|----|----------|---------|---|--------|-----|-----|-----|------|-----|
| 70 | 203/0.67 | 39/0.67 | 1 | 40/0.2 | 0.8 | 1.8 | 5.3 | 52.2 | 481 |
|----|----------|---------|---|--------|-----|-----|-----|------|-----|