



Caledonian

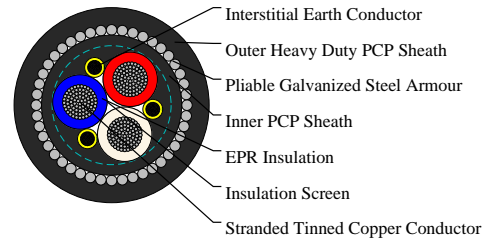
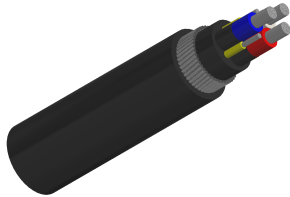
Mining Cables (AS_NZS Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

AS/NZS 2802:2000 Reeling & Trailing Cables

Type 412 Class2 1.1KV 3C35



APPLICATIONS

These cables with green/yellow earths and pliable armour for mechanical protection may be used in applications where damage is likely and armour can reduce cases of costly downtime, suitable installed as feeder cables in sand mining operations.

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.

Filler: Elastomer centre filler.

3×Interstitial Earth Conductor: EPR covered flexible stranded tinned copper conductor.

Inner Sheath: PCP sheath. CPE/CSP sheath can be offered upon request.

Pliable Armour: Galvanized low carbon (mild) steel strands.

Outer Sheath: Heavy duty PCP sheath. Heavy duty CPE/CSP sheath can be offered upon request.

COLOUR CODE

Rotational sequence of core colours: Red, Green/Yellow, White, Green/Yellow, Blue, Green/Yellow

DIMENSION AND PARAMETERS

| Nominal Cross-sectional Area | No./ Nominal Diameter of Strands | Earth Conductor Strand Size | Earth Conductor Thickness of Covering | Nominal Insulation Thickness | Nominal Inner Sheath Thickness | Nominal Outer Sheath Thickness | Pliable Armour Size | Nom. Overall Diameter | Approx. Weight |
|------------------------------|----------------------------------|-----------------------------|---------------------------------------|------------------------------|--------------------------------|--------------------------------|---------------------|-----------------------|----------------|
| mm ² | no./mm | no./mm | mm | mm | mm | mm | no./mm | mm | kg/km |



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|----|---------|--------|-----|-----|-----|---|-------|------|-----|
| 35 | 285/0.4 | 81/0.3 | 0.6 | 1.6 | 2.5 | 4 | 7/0.9 | 44.6 | 402 |
|----|---------|--------|-----|-----|-----|---|-------|------|-----|