

TYPE 240 1.1kV/1.1kV CABLES Acc. AS/NZS 1802



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 250°C
- Permanent Tensile Force: 15 N/mm²
- Production Standard: AS/NZS 1802

CONSTRUCTION

Conductor: Electrolytic multiple-stranded circular flexible tinned copper wire (rope lay) AS/NZS 1125-2. 70

Separator: Semiconducting layer (3.3/3.3kV and above)
(Except for pilot cores)

Insulation: R-EP-90 (acc. to AS/NZS 3808)

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(Except for pilot cores)

Screen: Tinned copper/ Nylon braided screen over phase cores

Layup: Cores are laid up over a semiconducting cradle without contacting each other, but in contact with interstitial pilot cores

Outer Sheath: Heavy-duty elastomer outer sheath
(acc. to AS/NZS 3808)

CODE of CABLE

- TYPE 240

NOTE: These cables should not be installed at temperatures below -40°C or above 80°C

INTRODUCTION

Type 240 cables are used as flexible feeder cable to machinery or long wall supply and other industrial applications within the mining industry. It can be used in mines where explosive gasses and dust can accumulate.

SECTION RANGE

- From 6mm² up to 300mm²

CONDUCTOR QUANTITY

- Three phase cores with composite screens and three interstitial pilot cores laid up around a semi conductive cradle for support and protection of power cores

COLOUR CODE of CABLE

- Insulation Colour code could be according to the International Standards or customer's request/demand.