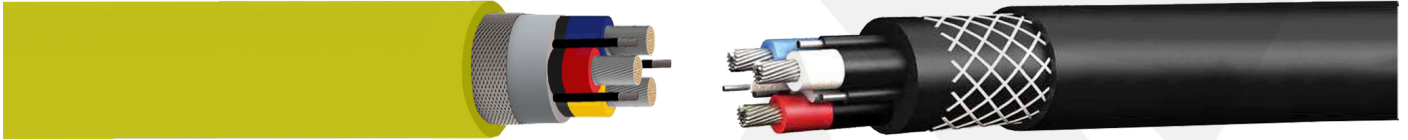


TYPE 241 1.1kV/1.1kV CABLES Acc. AS/NZS 1802



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, AS/NZS 1125

CONSTRUCTION

Conductor: Electrolytic, multiple-stranded circular flexible tinned copper wire (rope lay) AS/NZS 1125-2.10

Separator: Semiconducting layer over power conductors (3.3/3.3kV and above) and earth conductors (all)

Insulation: Power and pilot cores are insulated with R-EP-90 (acc. to AS/NZS 3808). Earth cores are not insulated

Separator: Semiconducting layer over power core insulations

Layup: Cores are laid up over a semiconducting cradle with one pilot core in the center and without contacting each other, but in contact with interstitial earth cores

Bedding: Semiconducting elastomeric compound

Separator: Open weave braid for reinforcement

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

CODE of CABLE

- TYPE 241

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

INTRODUCTION

Type 241 cables are for general and underground coal mining purposes. Uses include mine power feeder cable for continuous miners, pump cable and power supply cable.

SECTION RANGE

- From 6mm² up to 300mm²

CONDUCTOR QUANTITY

- Three phase cores and three interstitial earth cores laid up around a semi conductive cradle containing a central pilot core. All cores are screened by semi conductive filler as well. Contains open weave braid reinforcement layer.

COLOUR CODE of CABLE

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