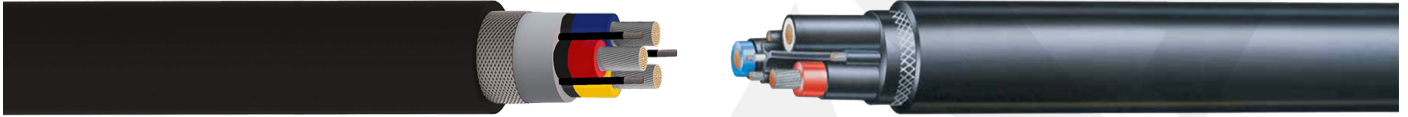


TYPE 241 From 3.3kV up to 11kV CABLES Acc. AS/NZS 1802



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 1125-2.10

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 generally used for underground coal mines (except for shuttle cars) and used include mine power feeder cable for continuous miners, pump cable and power supply cable. It can be used in mines where explosive gasses and dust can accumulate.

SECTION RANGE

- From 16mm² 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.