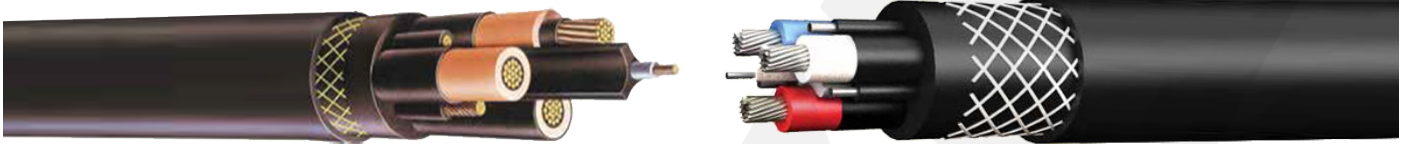


TYPE 441.1 1.1kV/1.1kV CABLES Acc. AS/NZS 2802



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 2802

CONSTRUCTION

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

Insulation: Power and pilot cores are insulated with R-EP-90 (Class 2, 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 441.1

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

INTRODUCTION

Type 441.1(Class 2) cables can be used where three earth/protecting and one pilot core are required. These cables also used as larger cables for power supply to drag lines, shovels and drills. Suitable for trailing and also for reeling applications and other industrial applications.

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.