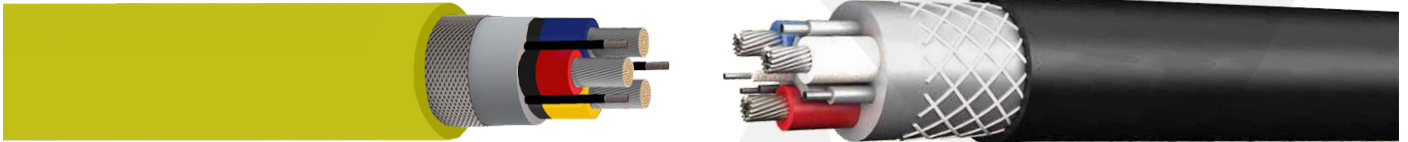


## TYPE 275 1.1kV/1.1kV CABLES Acc. AS/NZS 1802



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 250°C
- Permanent Tensile Force: 15 N/mm<sup>2</sup>
- 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

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

**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 275

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

### INTRODUCTION

Type 275 cables are for general and underground coal mining purposes. These cables are used in shuttle cars and pump cables, and other industrial applications.

### SECTION RANGE

- From 16mm<sup>2</sup> up to 50mm<sup>2</sup>

### 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.