

TYPE 241 SUPERFLEX 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 1125-2.10

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 SUPERFLEX

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

INTRODUCTION

Type 241 superflex cables are same as type 241 cables. These cables are used 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 70mm² up to 240mm²

CONDUCTOR QUANTITY

- Similar to type 241 except these cables offer smaller bending radius due to their flexible construction.

COLOUR CODE of CABLE

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