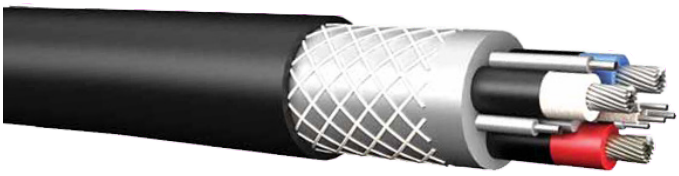
DEMKA
single source for all electrical needs

TYPE 245 3.3/3.3kV and 6.6/6.6kV 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 stranded tinned Class 6 copper wire AS/NZS 7 725

Separator: Semiconducting layer over power conductors 3.3/3.3kV and above types and over earth conductors of all types

Insulation: Power and pilot cores are insulated with R-EP-90 (acc. to AS/NZS 3808). Earth cores not 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 245

INTRODUCTION

Type 245 cables are mainly used as long wall shearer cables, and also for continuous miners and peripheral long wall cables. The cable has 3 central pilots for earth continuity monitoring and for control circuits.

SECTION RANGE

- **From 50mm² up to 150mm²**

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.

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