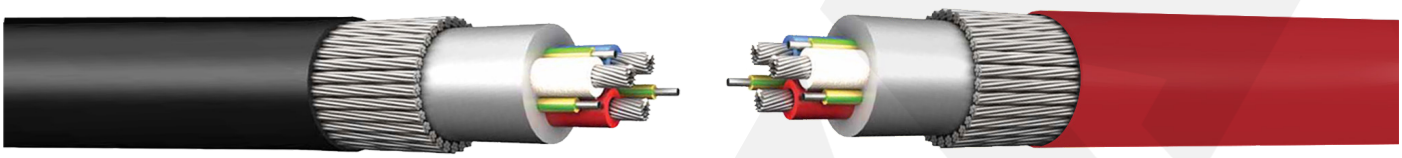
DEMKA
single source for all electrical needs

TYPE 412 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: R-EP-90 (Class 2, acc to AS/NZS 3808)

Layup: Cores are laid up over a elastomeric cradle in contact with each other and with interstitial earth cores

Bedding: Elastomeric compound

Armour: Galvanized steel pliable armour (acc. to AS/NZS 3863)

Outer Sheath: Heavy-duty elastomer outer sheath (acc.to AS/NZS 3808)

CODE of CABLE

- TYPE 412

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

INTRODUCTION

Type 412 cables are used in applications where damage is likely and armour can reduce cases of costly downtime. Suitable for use as a feeder cable in sand mining operations.

SECTION RANGE

- **From 35mm² up to 300mm²**

CONDUCTOR QUANTITY

- **Three phase cores and three interstitial pilot cores laid up around a semi conductive cradle for support and protection of power cores. Supported with a flexible armour made of galvanized steel wires.**

COLOUR CODE of CABLE

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