

## TYPE 440 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/mm<sup>2</sup>
- Production Standard: AS/NZS 2802, 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 cores in 3.3/3.3kV and above types

**Insulation:** R-EP-90 (Class 2, acc. to AS/NZS 3808)

**Separator:** Semiconducting layer (3.3/3.3kV and above) (Except for pilot cores)

**Screen:** Tinned copper / Nylon braided screen over phase cores

**Layup:** Cores are laid up over a semiconducting cradle without contacting each other, but in contact with interstitial pilot cores.

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

### CODE of CABLE

- TYPE 440

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

### INTRODUCTION

Type 440 cables can be used for power supply to machinery and equipment, drag lines, shovels and drills. Smaller sizes of the cables are used for drills, held hand tools and equipment. These cables are suitable for other industrial applications.

### SECTION RANGE

- From 6mm<sup>2</sup> up to 300mm<sup>2</sup>

### CONDUCTOR QUANTITY

- Three phase cores and three interstitial pilot cores laid up around a semi conductive cradle for support and protection of power cores

### COLOUR CODE of CABLE

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