

TYPE 7M 640/1100V CABLES Acc. BS 6708



TECHNICAL DATA

- Max. Operating Temperature: 85°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Permanent Tensile Force: 15 N/mm²
- Production Standards: BS 6708

CONSTRUCTION

Conductor: Electrolytic, stranded, tinned Class 5 copper wire IEC 60228

Insulation: EPR (Ground cores are not insulated)

Separator: Coloured textile tape for core identification

Screen: Tinned copper/Nylon braided screen over phase cores. Pilot core is not screened.

Layup: All cores are laid up in contact with the bare copper earth conductor.

Bedding: Rubber based bedding compound.

Outer Sheath: Heavy duty chloroprene outer sheath

CODE of CABLE

- TYPE 7M

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

INTRODUCTION

The cables are suitable for fixed installation and flexible operation as power supply cables to motors, distribution boards, etc., in underground mining applications. The cables are used with coalcutters in cable chains (cable handlers) and similar face equipment.

SECTION RANGE

- From 16mm² up to 150mm²

CONDUCTOR QUANTITY

- Three phase cores with composite individual screens and one unscreened pilot unit with three thinner cores laid up in contact with each other and the bare earth conductor in the centre.

COLOUR CODE of CABLE

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