

TYPE 307 1.9/3.3kV CABLES Acc. BS 6708



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 250°C
- Permanent Tensile Force: 15 N/mm²
- Production Standard: BS 6708

CONSTRUCTION

Conductor: Electrolytic stranded tinned Class 5 copper wire IEC 60228

Insulation: EPR (Ground core is 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 307

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

INTRODUCTION

Type 307 cables are used in underground mining applications for fixed installation and flexible operation as power supply cables to motors, distribution boards, and other devices. The cables are utilized in cable chains (cable handlers) and other face equipment with coal cutters.

SECTION RANGE

- From 25mm² up to 150mm²

CONDUCTOR QUANTITY

- Three phase cores with composite individual screens and one unscreened pilot core 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.