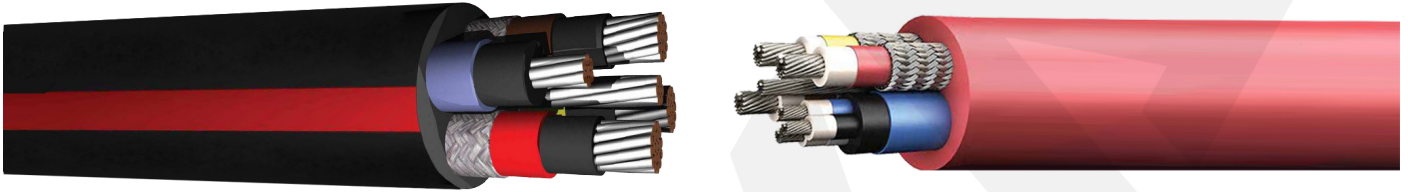


TYPE 307S 1.9/3.3kV CABLES Acc. BS 6708



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 307S

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

INTRODUCTION

Type 307S cables are suitable for fixed installation and flexible operation as power supply cables to excavating, crushing machines and equipment, etc., in deep mines where explosive gasses and dust can accumulate and on surface. The cables are used with coal cutters in cable chains and similar face equipment.

SECTION RANGE

- From 50mm² up to 240mm²

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.