BS 6622 XLPE MDPE 6.35/11 (12)kV Cable

Eland Product Group: A9M

APPLICATION
Power cables for power networks, underground and in cable ducting.

CONSTRUCTION

Conductor
Class 2 stranded copper conductor according to BS EN 60228 (previously BS 6360)

Conductor Screen
Semi-conductive XLPE (Cross-Linked Polyethylene)

Insulation
XLPE (Cross-Linked Polyethylene) Type GP8 according to BS 7655

Insulating Screen
Semi-conducting XLPE (Cross-Linked Polyethylene)

Separator
Water blocking tape

Insulation Screen
Semi-conductive XLPE (Cross-Linked Polyethylene)

Metallic Screen
Individual copper wire screen according to BS 6622

Filler
PET (Polyethylene Terephthalate) fibres

Separator
Binding tape

Bedding
PVC (Polyvinyl Chloride) Type TM1 according to BS 7655

Armour
SWA (Steel Wire Armoured)

Sheath
MDPE (Medium Density Polyethylene) Type TS2 according to BS 7655

CHARACTERISTICS

Voltage Rating (Uo/U)(Um)
6.35/11 (12)KV

Temperature Rating
0°C to +90°C

Temperature Index
+280°C

Minimum Bending Radius
12 x overall diameter
(10 x overall diameter where bends are positioned adjacent to a joint or terminations provided that the bending is carefully controlled by the use of a former)

Sheath Colour
● Red ● Black

CABLE STANDARDS
BS 6622, BS EN/IEC 60228

RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.
The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.