

BS6622/BS7835 Three Core Armoured 11kV XLPE Stranded Aluminium Conductor

CABLE CHARACTERISTICS



Bending radius $r=12D$

CABLE DESCRIPTION

1.CONDUCTOR

Compacted circular stranded Aluminium conductor complying with BS6360 class 2.

CONDUCTOR SCREEN

Extruded semi-conducting compound bonded to the insulation and applied in the same operation as the insulation.

2.INSULATION

Extruded cross-linked polyethylene (XLPE) suitable for operation at a conductor temperature of 90°C.

3.INSULATION SCREEN

Extruded semi-conducting compound applied in the same operation as the insulation. Cold strippable screens are supplied as standard but fully bonded screens may be provided if specified.

4.METALLIC SCREEN

Copper tapes applied overlapped to provide an earth fault current path.

5.LAYING UP

Three cores laid up with polypropylene string fillers to form a compact circular cable, and bound with tape.

6.TAPE BINDER

7.BEDDING SHEATH

Extruded black polyvinyl chloride (PVC) or Low Smoke Zero Halogen (LSOH) compound is supplied as standard. Alternative materials may be provided if specified.

8.ARMOURING

Single layer of galvanised steel wires.

9.OVERSHEATH

Extruded black polyvinyl chloride (PVC) or Low Smoke Zero Halogen (LSOH) compound is supplied as standard. Alternative materials may be provided if specified.



