

Standard Specification:

BS EN 60228, BS 7870-3.22

Fire retardant - BS EN 50266-2-4

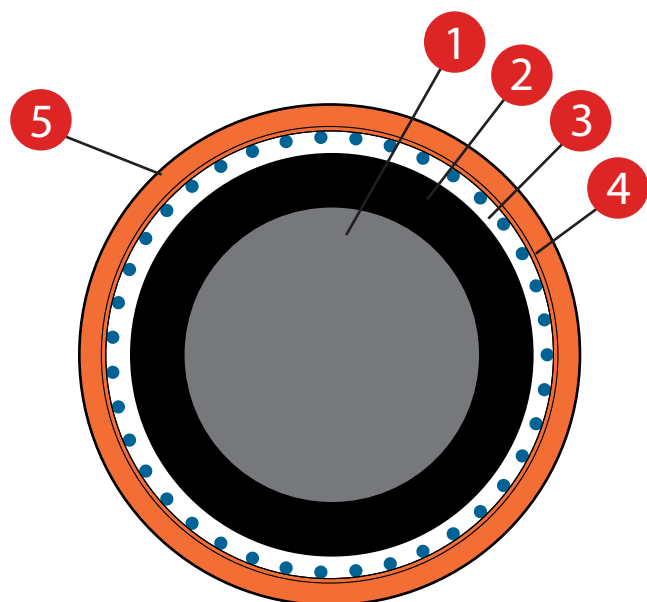
Zero halogen - BS EN 50267-2-1

Low smoke emission - BS EN 50268-1/2

Rated Voltage: 0,6 / 1 (1,2) kV

LOW VOLTAGE XLPE INSULATED CABLE

Low voltage power cable with solid aluminium conductor. XLPE insulation and copper split-concentric neutral/earth conductor.



1 Conductor

Solid aluminium conductor, class 1 according to BS EN 60228.

2 Insulation

XLPE insulation.

3 Concentric conductor

Concentric layer composed by:

Neutral conductor:

Plain annealed copper wires covered by extrusion with a blue polymeric compound.

Earth continuity conductor:

Bare plain annealed copper wires.

String separators:

Non-hygroscopic, located on either side of the group of bare copper wires.

4 Binding tape

Wrapping plastic tape, helically applied.

5 Sheath

LSOH compound outer sheath. Sheath colour: Orange

Cable	Max Ohmic Resist. @ 20°C DC (cond.) (Ω /km)	Ohmic Resist. @ 90°C AC (cond.) (Ω /km)	Max Ohmic Resist. @ 20°C DC (CNE)(Ω /km)	Max Ohmic Resist. @ 20°C DC (earth)(Ω /km)	Overall diameter (mm)	Approx. weight (kg/mm)
1x25	1,20	1,54	1,2	1,2	15,0	490
1x35	0,868	1,11	0,76	1,2	16,0	610