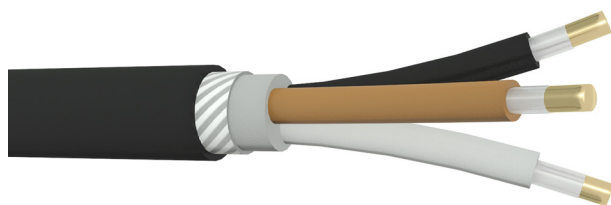


# FLAME-X<sup>950</sup> Power 0,6/1kV

BS 7846-F2 RoHS Directive 2002/95/CE, Low-Voltage Directive 2006/95/EC



Armoured fire resistant electric power cable having low emission of smoke and corrosive gases when affected by fire

## FIRE PERFORMANCE

<b>Fire resistance:</b>	Category F2 according to BS 7846, BS 6387 – Category C,W, Z
<b>Flame propagation:</b>	BS EN 60332-1-2, BS EN 60332-3-22
<b>Low smoke emission:</b>	BS EN 61034-2
<b>Low corrosive and acid gas emission:</b>	EN 50267-2-1, HCL level ≤ 0.5%

## CONSTRUCTION

<b>Conductors:</b>	circular, circular compacted or shaped, stranded, annealed copper conductor, class 2 according to BS EN 60228
<b>Primary insulation:</b>	a suitable wrapping of mica tape with a glass cloth
<b>Insulation:</b>	cross-linked polyethylene (XLPE) of GP8 type according to BS 7655-1.3
<b>Bedding:</b>	LSOH (special low smoke zero halogen compound)
<b>Armour:</b>	single layer of galvanized steel wires applied helically over the bedding
<b>Outer sheath:</b>	thermosetting LSOH compound of LTS1 type according to BS 7655-6.1

## CHARACTERISTIC

<b>Colour of the sheath:</b>	black. Other colours are available on special request.
<b>Core identification:</b>	
2-core:	brown, blue
3-core:	brown, black, grey
4-core:	blue, brown, black, grey
<b>Maximum conductor operating temperature:</b>	+90°C
<b>Lowest installation temperature:</b>	0°C
<b>Maximum short-circuit conductor temperature:</b>	+250°C
<b>Minimum bending radius:</b>	6D for cables with circular copper conductors and 8D for cables with shaped copper conductors; D – overall cable diameter
<b>Application:</b>	for use in fixed installations in industrial areas, public buildings (as for example power plants, hospitals, shopping centres, theatres) and similar applications where maintenance of power supply during a fire is required for a defined period of time.
<b>Standard packing:</b>	500 m on drums. Other forms of packing and delivery are available on request.