

## Multi-core XLPE Insulated LSZH Sheathed Steel Wire Armoured Fire Resistant Cables 600/1000 V



### Harmonized Code

Type  
7846-2C-FR  
7846-3C-FR  
7846-4C-FR  
7846-5C-FR  
7846-nC-FR

### Constructions

### Technical Data

### Standards

- IEC 60502-1 • BS 7846-F2 • IEC 60331-21 • BS 6387 Cat. C, W, Z
- IEC 61034 • IEC 60754 • IEC 60332-3-24

### Product Certification



### Range of Size

- 2-core: 1.5 mm<sup>2</sup> ~ 240 mm<sup>2</sup>    3/4-core: 1.5 mm<sup>2</sup> ~ 400 mm<sup>2</sup>  
5-core: 1.5 mm<sup>2</sup> ~ 70 mm<sup>2</sup>    7/12/19/27/48-core: 1.5 mm<sup>2</sup> ~ 2.5 mm<sup>2</sup>

### Applications

Surface installations on walls, boards and embedded in plaster. Highest fire resistant rating for all kinds of essential power and control circuits. Able to stand for 950 °C for 3 hours under water and vibrations. Emits less smoke and no halogen gas when affected by fire.

### Conductor

Class 1/2 plain annealed copper wires, solid or stranded.

### Fire Proof / MICA tape

### Insulation / XLPE

### Core Colour

- 2-core: Brown and blue  
3-core: Brown, grey and black  
4-core: Brown, grey, black and blue  
5-core: Brown, grey, black, blue and green/yellow  
7/12/19/27/48-core: White with numbers

Sheath colour: Black

### Operating Temperature

90 °C

The Current Ratings and Voltage Drop figures refer to Technical References Section Table 3A, 3B, 3C & 3D respectively.