# FireKab N2XH FE180




## Areas of Use

0.6/1 kV FireKab halogen-free, fire-resistant and flame retardant, single or multi-core power cables are used in intelligent or semi-intelligent buildings which has high dense human population like hospitals, cinemas, theatres, schools, shopping centers.

## Cable Construction

| | |
|---|---|
| **Conductor** | Solid or Stranded Annealed Copper (IEC/EN 60228, Class 1 / Class 2) |
| **Flame Barrier** | Mica Tape |
| **Insulation** | XLPE |
| **Core Colors** | HD 308 S2 |
| **Filler** | HFFR |
| **Outer Sheath** | HFFR |
| **Reference Standards** | TS IEC 60502-1, HD 604 S1 |

## Technical Properties

| | |
|---|---|
| **Operating Voltage** | 0.6/1 kV |
| **Test Voltage** | 3.5 kV |
| **Max. Operating Temperature** | 90 °C |
| **Flame Retardancy** | IEC/EN 60332-3-24, IEC 60331-21 |
| **Smoke Density** | IEC/EN 61034-1+2 |
| **Corrosive Gases Measurement** | IEC/EN 60754-2 |
| **Amount of Halogen Acid Gas** | IEC/EN 60754-1 |
| **Min. Bending Radius** | Single Core: 15 x Cable Diameter, Multicore: 12 x Cable Diameter |

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