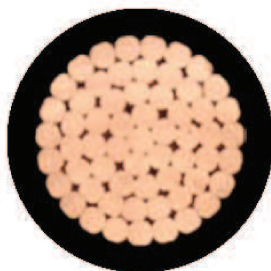


# 600/1000V 90°C SINGLE CORE LSHF FRT WIRE



## APPLICATION

This cable is mainly used in power station, mass transit underground passenger systems, airports, petrochemical plants, hotels, hospitals and high-rise buildings.

## CONSTRUCTION

Copper strands (tinned or plain) acc. to BS 6360, IEC 60228, VDE 0295, class 2 / 5

Low smoke halogen free compound (LSHF) insulation

Insulation Colour: Brown, Blue, Green/Yellow, Grey, Black

## TECHNICAL DATA

Rated voltage: 600/1000 V

Test voltage: 3500 V

Temperature: 90°C

Bending radius: 4 X Ø (for OD ≤ 25mm)

6 X Ø (for OD > 25mm)

Reference standard: IEC 60332-1 & BS 4066 Part 1 (Flame Retardant)

IEC 60332-3-22 & BS 4066 Part 3 (Fire Retardant on bunched Cables)

IEC 60754 & BS 6425 (Halogen Free properties)

IEC 61034 & BS 7622 (Low Smoke Emission)

| No. of cores x<br>Nominal Area<br>(mm <sup>2</sup> ) | Outer diameter<br>approx.<br>(mm) | Cable Weight<br>Approx.<br>(kg/km) | No. of cores x<br>Nominal Area<br>(mm <sup>2</sup> ) | Outer diameter<br>approx.<br>(mm) | Cable Weight<br>Approx.<br>(kg/km) |
|------------------------------------------------------|-----------------------------------|------------------------------------|------------------------------------------------------|-----------------------------------|------------------------------------|
| 1x1.5                                                | 3.1                               | 23                                 | 1x70                                                 | 14.5                              | 720                                |
| 1x2.5                                                | 3.7                               | 35                                 | 1x95                                                 | 16.0                              | 995                                |
| 1x4                                                  | 4.2                               | 51                                 | 1x120                                                | 18.5                              | 1200                               |
| 1x6                                                  | 4.8                               | 71                                 | 1x150                                                | 20.0                              | 1520                               |
| 1x10                                                 | 6.1                               | 131                                | 1x185                                                | 22.5                              | 1880                               |
| 1x16                                                 | 7.2                               | 185                                | 1x240                                                | 25.0                              | 2485                               |
| 1x25                                                 | 9.0                               | 285                                |                                                      |                                   |                                    |
| 1x35                                                 | 10.5                              | 380                                |                                                      |                                   |                                    |
| 1x50                                                 | 12.5                              | 525                                |                                                      |                                   |                                    |