



Reference: 10270799  
 EAN 13: 3427580734526

## FIRE PERFORMANCE CLASS



B2ca-s1a, d0, a1

## CONTACT

Market information  
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These cables are intended for fixed power or lighting circuits in tunnels, stations and subway stations. These B2ca cables comply with RATP K20 specifications.

## STANDARDS

Product EN 50575; EN 60228

Installation NF F 55-625

## APPLICATION

These cables are used for fixed power or lighting installations in tunnels and underground stations.

## FIRE PERFORMANCE

- Flame retardant: according to RATP K20 specification
- Fire retardant: according to RATP K20 specification
- Low smoke: according to RATP K20 specification
- Low toxicity: According to RATP K20 specification
- Low corrosivity: According to RATP K20 specification
- Without Halogen : According to RATP K20 specification

Reaction to fire: B2ca-s1a, d0, a1

## DESIGN

- Conductor: Bare copper class 1 or 2
- Insulation: Cross-linked Polyethylene (XLPE)
- Assembling: An inner sheath acting as a filler
- Outer sheath: Polyolefin without halogen Colour : black

### Core identification

According to NF F 55625

2x: black - blue

3x: black - grey - brown

3G: black - blue - green/yellow

4x: black - blue - brown - black

4G: black - blue - brown - green/yellow

5G: black - blue - brown - black - green/yellow

≥ 7 conductors: black cores printed with numbers with or without green/yellow



无卤  
 IEC/EN 60754-1



阻燃 - 火焰  
 IEC/EN 60332-1-2



烟密度  
 IEC 61034-2 & EN 61034-2



气体腐蚀性  
 IEC/EN 60754-2



芯线最高静止温度  
 90 ° C



操作温度  
 -20 ... 60 ° C

## CHARACTERISTICS

## 结构特性

|        |                                  |
|--------|----------------------------------|
| 导体类型   | Stranded, class 2                |
| 导体材料   | 裸铜                               |
| 绝缘     | XLPE (Cross-linked Polyethylene) |
| 外护套    | 无卤聚烯烃                            |
| 无卤     | IEC/EN 60754-1                   |
| 有绿/黄芯线 | 是                                |

## 尺寸特性

|                        |                    |
|------------------------|--------------------|
| 芯线数                    | 5                  |
| 导线截面                   | 50 mm <sup>2</sup> |
| 外径最小值                  | - mm               |
| Maximum outer diameter | 35.5 mm            |
| 近似重量                   | 2986 kg/km         |

## 使用特性

|          |                          |
|----------|--------------------------|
| 阻燃 - 火焰  | IEC/EN 60332-1-2         |
| 烟密度      | IEC 61034-2 & EN 61034-2 |
| 气体腐蚀性    | IEC/EN 60754-2           |
| 芯线最高静止温度 | 90 ° C                   |
| 操作温度范围   | -20 ... 60 ° C           |

## COMPLEMENT

Bending radius

 $r = 8 \times \text{maximum outer diameter}$ 

## SELLING AND DELIVERY INFORMATION

## Marking

750 V cables: 750 - Nber of cores & cross-section - SH - NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 - Manufacturing number DoP:1000648-FRME + metric marking

1000 V cables: 1000 - Nber of cores & cross-section - SH - NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 - Manufacturing number DoP:1000648-FRME + metric marking