



Reference: 10270800  
 EAN 13: 3427580734533

## 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	无

### 尺寸特性

芯线数	4
导线截面	10 mm <sup>2</sup>
外径最小值	- mm
Maximum outer diameter	18.4 mm
近似重量	652 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