



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 | 7 |
| 导线截面 | 6 mm ² |
| 外径最小值 | 17.1 mm |
| Maximum outer diameter | 19.6 mm |
| 近似重量 | 691 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