



**Reference:** 10270898  
**EAN 13:** 3427580734403

### 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



Senza alogeno  
 IEC/EN 60754-1



Ritardante la fiamma  
 IEC/EN 60332-1-2



Densità fumo  
 IEC 61034-2 & EN 61034-2



Fumo  
 IEC/EN 60754-2



Temp. max di servizio del conduttore  
 90 °C



Temperatura Operativa  
 -20 ... 60 °C

**CHARACTERISTICS****Caratteristiche costruttive**

|                                |                               |
|--------------------------------|-------------------------------|
| Tipo di conduttore             | A trefoli, Classe 2           |
| Materiale del conduttore       | Rame nudo                     |
| Isolamento                     | XLPE (polietilene reticolato) |
| Guaina esterna                 | Poliolfina senza alogeni      |
| Senza alogeno                  | IEC/EN 60754-1                |
| Con anima giallo/verde (terra) | N                             |

**Caratteristiche dimensionali**

|                                 |                    |
|---------------------------------|--------------------|
| Numero di anime                 | 2                  |
| Sezione del conduttore del cavo | 10 mm <sup>2</sup> |
| Diametro esterno min            | - mm               |
| Diametro esterno max            | 16,3 mm            |
| Peso approssimativo del cavo    | 435 kg/km          |

**Caratteristiche d'utilizzo**

|  |                          |
|--|--------------------------|
| Ritardante la fiamma                           | IEC/EN 60332-1-2         |
| Densita' fumo                                  | IEC 61034-2 & EN 61034-2 |
| Fumo   | IEC/EN 60754-2           |
| Temperatura massima di servizio del conduttore | 90 °C                    |
| Temperatura Operativa                          | -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