

Reference: 10276492  
EAN 13: 3427580767555

## FIRE PERFORMANCE CLASS



B2ca-s1a,d0,a1

## CONTACT

Market information  
industryprojects.business@lynx<sup>eo</sup>  
ogroup.com

## STANDARDS

**Product** EN 50575; IEC 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 class 2
- **Insulation:** Polyolefin without halogen



Conductor flexibility  
Solid class 1



Halogen free  
IEC/EN 60754-1



Flame retardant  
IEC/EN 60332-1-2



Smoke density  
IEC 61034-2 & EN  
61034-2



Gases corrosivity  
IEC/EN 60754-2



Max conductor  
temp.in service  
90 °C



Operating temp.  
-20 ... 60 °C



Static bending rad.  
- mm

## CHARACTERISTICS

### Construction characteristics

|                       |                         |
|-----------------------|-------------------------|
| Conductor material    | Plain copper            |
| Conductor flexibility | Solid class 1           |
| Insulation            | Halogen free polyolefin |
| Sheath colour         | Green / Yellow          |
| Halogen free          | IEC/EN 60754-1          |

### Dimensional characteristics

|                         |                     |
|-------------------------|---------------------|
| Number of cores         | 1                   |
| Conductor cross-section | 2.5 mm <sup>2</sup> |
| Maximum outer diameter  | 3.9 mm              |
| Approximate weight      | 35 kg/km            |

### Electrical characteristics

|                               |             |
|-------------------------------|-------------|
| DC permissible current rating | 33 A        |
| Voltage Drop                  | 12.8 V/A.km |

### Usage characteristics

|   |                          |
|---|--------------------------|
| Flame retardant                         | IEC/EN 60332-1-2         |
| Smoke density                           | IEC 61034-2 & EN 61034-2 |
| Gases corrosivity                       | IEC/EN 60754-2           |
| Max. conductor temperature in service   | 90 °C                    |
| Operating temperature, range            | -20 ... 60 °C            |
| Minimum static operating bending radius | - mm                     |
| Standard                                | -                        |

## SELLING AND DELIVERY INFORMATION

### Marking

750 - Nber of cores & cross-section - SH -NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1  
 - Manufacturing n° - DoP:1000795-FRME + metric marking