

Reference: 10285340  
EAN 13: 3427580839085

### FIRE PERFORMANCE CLASS



B2ca-s1a,d0,a1

### CONTACT

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

### STANDARDS

Product EN 50575; IEC 60228

### 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

- **Conductor:** Tinned copper class 5
- **Insulation:** Cross-linked Polyethylene (XLPE)
- **Assembling:** Polyester tape
- **Inner sheath:** Polyolefin without halogen
- **Screen:** Tinned copper braid
- **Outer sheath:** Polyolefin without halogen Colour : black

#### Core identification

2x: light blue - brown



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

## CHARACTERISTICS

### Construction characteristics

Conductor material	Tinned copper
Type of conductor	Flexible, Classe 5
Insulation	XLPE (Cross-linked Polyethylene)
Inner sheath	Halogen free polyolefin
Screen	Tinned copper braid
Outer sheath	Halogen free polyolefin
Sheath colour	Black
Halogen free	IEC/EN 60754-1

### Dimensional characteristics

Number of cores	2
Conductor cross-section	1 mm <sup>2</sup>
Diameter over inner sheath	7.4 mm
Diameter over screen	8.4 mm
Minimum outer diameter	10.7 mm
Maximum outer diameter	12.3 mm
Approximate weight	194 kg/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

## SELLING AND DELIVERY INFORMATION

### Marking

LYNXEO 279 - XLPE/LSZH/TCWB/LSZH - 0.6/1kV - 2x1 mm<sup>2</sup> - B2ca-s1a, d0, a1 - MM - YYYY + metric marking