

### CONTACT

Market information  
industryprojects.business@lynx  
ogroup.com

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



Senza alogeno  
IEC/EN 60754-1



Ritardante la fiamma  
IEC/EN 60332-1-2



Densita' 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

Materiale del conduttore	Rame stagnato
Tipo di conduttore	Flessibile classe 5
Isolamento	XLPE (polietilene reticolato)
Guaina interna	Poliolfine zero alogeni
Schermo	Treccia di rame stagnato
Guaina esterna	Poliolfina senza alogeni
Senza alogeno	IEC/EN 60754-1

### Caratteristiche dimensionali

Numero di anime	2
Sezione del conduttore del cavo	1 mm <sup>2</sup>
Diametro sulla guaina interna	7,4 mm
Diameter over screen	8,4 mm
Diametro esterno min	10,7 mm
Diametro esterno max	12,3 mm
Peso approssimativo del cavo	194 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

## PRODUCT LIST

Reference	Country Ref.	Name
☎ 10285340	-	Paire 1 mm <sup>2</sup> 100 Ohms B2ca

☎ = Make to order, 📦 = In stock,

## 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