

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
Halogen free	IEC/EN 60754-1

Dimensional characteristics

Number of cores	2
Conductor cross-section	1 mm ²
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

PRODUCT LIST

Reference	Country Ref.	Name
☎ 10285340	-	Paire 1 mm ² 100 Ohms B2ca

☎ = Make to order, 📦 = In stock,

SELLING AND DELIVERY INFORMATION

Marking

LYNXEO 279 - XLPE/LSZH/TCWB/LSZH - 0.6/1kV - 2x1 mm² - B2ca-s1a, d0, a1 - MM - YYYY + metric marking