



**Reference:** 10270821  
**EAN 13:** 3427580734748

### FIRE PERFORMANCE CLASS



B2ca-s1a,d0,a1

### CONTACT

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

### STANDARDS

**Product** EN 50575; EN 60228

**Installation** NF F 55-625

### APPLICATION

These cables are used for fixed power or lighting installations (1000 V) and fixed traction circuits (1800 V) 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
- Without Halogen: According to RATP K20 specification
- Low Toxicity : According to RATP K20 specification
- Low corrosivity: 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)
- **Outer sheath:** Polyolefine without halogen  
Colour : black or yellow/green (Y/G)

### Core identification

According to NF F 55625  
1x: black



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**

Tipo di conduttore	A trefoli, Classe 2
Materiale del conduttore	Rame nudo
Isolamento	XLPE (polietilene reticolato)
Guaina esterna	Poliolfina senza alogeni
Colore della guaina esterna	Verde / giallo
Senza alogeno	IEC/EN 60754-1

**Caratteristiche dimensionali**

Sezione del conduttore del cavo	70 mm <sup>2</sup>
Diametro esterno max	18,5 mm
Peso approssimativo del cavo	825 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**

$r = 6 \times \text{maximum outer diameter}$

**SELLING AND DELIVERY INFORMATION****Marking**

1000 V cables: 1000 - Nber of cores & cross-section - SH -NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 - Manufacturing n° + metric marking

1800 V cables: 1800 - Nber of cores & cross-section - SH -NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 - Manufacturing n° + metric marking