



### CONTACT

Market information  
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### STANDARDS

**Product** EN 50575; IEC 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 RESISTANCE

- Flame retardant: According to RATP K20 specification
- Fire retardant: According to RATP K20 specification
- Low smoke: According to RATP K20 specification
- Without Halogene: 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

- **Conductor:** Flexible bare copper 5
- **Insulation :** Cross-linked polyethylene (XLPE)
- **Outer sheath:** Polyolefine without halogen, Colour : black

### Core Identification

Black



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	Plain copper
Type of conductor	Flexible, Classe 5
Insulation	XLPE (Cross-linked Polyethylene)
Outer sheath	Halogen free polyolefin
Halogen free	IEC/EN 60754-1
With Green/Yellow core	No

### 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	Conductor cross-section [mm <sup>2</sup> ]	Maximum outer diameter [mm]	Approximate weight [kg/km]
☎ 13129515	-	NF F 55-625 (K25) 1000V 1x70 B2ca-s1a,d0,a1	70	22.2	351
☎ 10270837	-	NF F 55-625 (K25) 1800 V 1x16 B2ca-s1a, d0, a1	16	15.5	351
☎ 10270835	-	NF F 55-625 (K25) 1800 V 1x240 B2ca-s1a, d0, a1	240	34.0	2715

☎ = Make to order, 📦 = In stock,

## COMPLEMENT

### Bending Radius

- $r = 8 \times$  maximum outer diameter

## SELLING AND DELIVERY INFORMATION

### Marking

1000 V cables: 1000 - Nber of cores & cross-section - S - SH - NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 Manufacturing number DoP:1000291-FRME + metric marking

1800 V cables: 1800 - Nber of cores & cross-section - S - SH - NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 Manufacturing number DoP:1000291-FRME + metric marking