



Reference: 10270785  
EAN 13: 3427580734281

#### FIRE PERFORMANCE CLASS



B2ca-s1a,d0,a1

#### CONTACT

Market information  
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These cables are intended for fixed power or lighting circuits in tunnels, stations and subway stations. These B2ca cables comply with RATP K20 specifications .

#### STANDARDS

Producto EN 50575; EN 60228

Instalación NF F 55-625

#### 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

#### DESIGN

- **Conductor:** Bare copper class 1 or 2
- **Insulation:** Cross-linked Polyethylene (XLPE)
- **Assembling:** An inner sheath acting as a filler
- **Outer sheath:** Polyolefin without halogen Colour : black

#### Core identification

According to NF F 55625

2x: black - blue

3x: black - grey - brown

3G: black - blue - green/yellow

4x: black - blue - brown - black

4G: black - blue - brown - green/yellow

5G: black - blue - brown - black - green/yellow

≥ 7 conductors: black cores printed with numbers with or without green/yellow



Libre de halógenos  
IEC/EN 60754-1



No propagación de la llama  
IEC/EN 60332-1-2



Densidad de los humos  
IEC 61034-2 & EN 61034-2



Corrosividad de los gases  
IEC/EN 60754-2



Max.conductor temp.in service  
90 °C



Temp. ambiente de utilización  
-20 ... 60 °C

## CHARACTERISTICS

### Características de construcción

Type of conductor	Stranded, class 2
Material del conductor	Plain copper
Aislamiento	XLPE
Cubierta exterior	Poliolefina libre de halógenos.
Libre de halógenos	IEC/EN 60754-1
Con conductor amarillo/verde	No

### Características dimensionales

Número de conductores	2
Sección del conductor	50 mm <sup>2</sup>
Diámetro exterior mínimo	- mm
Diámetro exterior máximo	28,8 mm
Peso aproximado	1577 kg/km

### Características de uso

No propagación de la llama	IEC/EN 60332-1-2
Densidad de los humos	IEC 61034-2 & EN 61034-2
Corrosividad de los gases	IEC/EN 60754-2
Temperatura máxima del conductor	90 °C
Temperatura ambiente de utilización (rango)	-20 ... 60 °C

## COMPLEMENT

### Bending radius

$r = 8 \times \text{maximum outer diameter}$

## SELLING AND DELIVERY INFORMATION

### Marking

750 V cables: 750 - Nber of cores & cross-section - SH - NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 - Manufacturing number DoP:1000648-FRME + metric marking  
1000 V cables: 1000 - Nber of cores & cross-section - SH - NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 - Manufacturing number DoP:1000648-FRME + metric marking