



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 | Sí |

Características dimensionales

| | |
|--------------------------|--------------------|
| Número de conductores | 5 |
| Sección del conductor | 70 mm ² |
| Diámetro exterior mínimo | - mm |
| Diámetro exterior máximo | 41,6 mm |
| Peso aproximado | 4240 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