



Reference: 10270802
EAN 13: 3427580734557

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

Product EN 50575; EN 60228

Installation 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



Senza alogeno
IEC/EN 60754-1



Ritardante la fiamma
IEC/EN 60332-1-2



Densità 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 | Poliolefina senza alogeni |
| Senza alogeno | IEC/EN 60754-1 |
| Con anima giallo/verde (terra) | N |

Caratteristiche dimensionali

| | |
|---------------------------------|--------------------|
| Numero di anime | 4 |
| Sezione del conduttore del cavo | 25 mm ² |
| Diametro esterno min | - mm |
| Diametro esterno max | 26,0 mm |
| Peso approssimativo del cavo | 1403 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**

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

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