



CONTACT

Market information
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STANDARDS

Produkt 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



Halogenfrei
IEC/EN 60754-1



Flammwidrig
IEC/EN 60332-1-2



Rauchdichte
IEC 61034-2 & EN 61034-2



Korrosivität der (Brand-)Gase
IEC/EN 60754-2



Max. Betriebstemp. am Leiter
90 °C



Betriebstemp.
-20 ... 60 °C

CHARACTERISTICS

Konstruktionsmerkmale

| | |
|----------------------|------------------------------|
| Leitermaterial | blank |
| Leitertyp | Flexibel, Klasse 5 |
| Isolierung | VPE (vernetztes Polyethylen) |
| Außenmantel | Halogen free polyolefin |
| Halogenfrei | IEC/EN 60754-1 |
| Mit grün-gelber Ader | Nein |

Anwendungsmerkmale

| | |
|-----------------------------------|--------------------------|
| Flammwidrig | IEC/EN 60332-1-2 |
| Rauchdichte | IEC 61034-2 & EN 61034-2 |
| Korrosivität der (Brand-)Gase | IEC/EN 60754-2 |
| Max. Betriebstemperatur am Leiter | 90 °C |
| Betriebstemperatur | -20 ... 60 °C |

PRODUCT LIST

| Reference | Country Ref. | Name | Leiterquerschnitt [mm ²] | Maximaler Außendurchmesser [mm] | Nettogewicht ca. [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