



Reference: 13129515
EAN 13: 3427580852954

CONTACT

Market information
industryprojects.business@lynxgroup.com

International Designation: NF F 55-625 (K25) 1000V 1x70 B2ca-s1a,d0,a1

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 Halogens: 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
Leitertype	Flexibel, Klasse 5
Isolierung	VPE (vernetztes Polyethylen)
Außenmantel	Halogen free polyolefin
Mantelfarbe	Schwarz
Halogenfrei	IEC/EN 60754-1
Mit grün-gelber Ader	Nein

Abmessungsmerkmale

Leiterquerschnitt	70 mm ²
Maximaler Außendurchmesser	22,2 mm
Nettogewicht ca.	351 kg/km
Außendurchmesser Mindestwert	- mm

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

COMPLEMENTBending 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