

CONTACT

Market information
industryprojects.business@lynx^{eo}
ogroup.com

STANDARDS

Produkt EN 50575; IEC 60228

Installation NF F 55-625

APPLICATION

These cables are used for fixed traction circuits (1800 V) 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
- 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

DESIGN

- **Conductor:** Aluminium class 2
- **Insulation :** Cross-linked polyethylene (XLPE)
- **Outer sheath:** Polyolefine without halogen, Colour : black

Core Identification

Black

Theoretical electrical characteristics

CURRENT RATING in free air at 30°C maximum : 663 A.
Based on NF C 15-100



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	Aluminium
Leitertype	Class 2
Isolierung	VPE (vernetztes Polyethylen)
Außenmantel	Halogen free polyolefin
Halogenfrei	IEC/EN 60754-1

Abmessungsmerkmale

Leiterquerschnitt	400 mm ²
Außendurchmesser Mindestwert	31,4 mm
Maximaler Außendurchmesser	37,3 mm
Nettogewicht ca.	1843 kg/km

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
☎ 10270836	-	NF F 55-625 (K25) 1800V 1x400 ALU CI2 B2ca-s1a, d0, a1

☎ = Make to order, 📦 = In stock,

SELLING AND DELIVERY INFORMATION

Marking

1800 A - Nber of cores & cross-section - SH - NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1
 Manufacturing number + metric marking