

CONTACT

Market information
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STANDARDS

Product 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



Senza alogeno
IEC/EN 60754-1



Ritardante la fiamma
IEC/EN 60332-1-2



Densita' 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

Materiale del conduttore	Alluminio
Tipo di conduttore	Classe 2
Isolamento	XLPE (polietilene reticolato)
Guaina esterna	Poliolfina senza alogeni
Senza alogeno	IEC/EN 60754-1

Caratteristiche dimensionali

Sezione del conduttore del cavo	400 mm ²
Diametro esterno min	31,4 mm
Diametro esterno max	37,3 mm
Peso approssimativo del cavo	1843 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

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