



### CONTACT

Market information  
[industryprojects.business@lynxgroup.com](mailto:industryprojects.business@lynxgroup.com)

### STANDARDS

**Produkt** EN 50575; EN 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 PERFORMANCE

- Flame retardant: According to RATP K20 specification
- Fire retardant: According to RATP K20 specification
- Low smoke: According to RATP K20 specification
- Without Halogen: 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:** Bare copper class 1 or 2
- **Insulation:** Cross-linked polyethylene (XLPE)
- **Outer sheath:** Polyolefine without halogen  
 Colour : black or yellow/green (Y/G)

### Core identification

According to NF F 55625  
 1x: 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

Leitertyp	Stranded, class 2
Leitermaterial	blank
Isolierung	VPE (vernetztes Polyethylen)
Außenmantel	Halogen free polyolefin
Halogenfrei	IEC/EN 60754-1

### 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	Mantelfarbe	Maximaler Außendurchmesser [mm]	Nettogewicht ca. [kg/km]
☎ 10270814	-	NF F 55-625 (K25) 1000V 1x6 B2ca-s1a, d0, a1	Schwarz	8,9	125
☎ 10270816	-	NF F 55-625 (K25) 1000V 1x10 B2ca-s1a, d0, a1	Schwarz	9,8	172
☎ 10275525	-	NF F 55-625 (K25) 1000V 1x25 B2ca-s1a, d0, a1	Schwarz	13,2	351
☎ 10270817	-	NF F 55-625 (K25) 1000V 1x35 B2ca-s1a, d0, a1	Schwarz	14,6	461
☎ 10270819	-	NF F 55-625 (K25) 1000V 1x50 B2ca-s1a, d0, a1	Schwarz	16,0	592
☎ 10270821	-	NF F 55-625 (K25) 1000V 1x70 G/Y B2ca-s1a, d0, a1	grün / Gelb	18,5	825
☎ 10270822	-	NF F 55-625 (K25) 1000V 1x95 B2ca-s1a, d0, a1	Schwarz	20,6	1095
☎ 10270823	-	NF F 55-625 (K25) 1000V 1x120 B2ca-s1a, d0, a1	Schwarz	22,4	1347
☎ 10270824	-	NF F 55-625 (K25) 1000V 1x150 B2ca-s1a, d0, a1	Schwarz	25,0	1639
☎ 10270825	-	NF F 55-625 (K25) 1000V 1x185 B2ca-s1a, d0, a1	Schwarz	27,0	2019
☎ 10270826	-	NF F 55-625 (K25) 1000V 1x240 B2ca-s1a, d0, a1	Schwarz	30,0	2613
☎ 10270815	-	NF F 55-625 (K25) 1000V 1x6 Y/G B2ca-s1a, d0, a1	grün / Gelb	8,9	126
☎ 10270818	-	NF F 55-625 (K25) 1000V 1x35 Y/G B2ca-s1a, d0, a1	grün / Gelb	14,6	463
☎ 10270820	-	NF F 55-625 (K25) 1000V 1x70 B2ca-s1a, d0, a1	Schwarz	18,5	823

☎ = Make to order, 📦 = In stock,

Reference	Country Ref.	Name	Mantelfarbe	Maximaler Außendurchmesser [mm]	Nettogewicht ca. [kg/km]
☎ 10275524	-	NF F 55-625 (K25) 1000V 1x16 B2ca-s1a, d0, a1	Schwarz	11,5	243
☎ 10277897	-	NF F 55-625 (K25) 1000V 1x16 B2ca-s1a, d0, a1	grün / Gelb	11,4	245
☎ 10278390	-	NF F 55-625 (K25) 1000V 1x300 B2ca-s1a, d0, a1	Schwarz	33,0	3290
☎ 10265248	-	NF F 55-625 (K25) 1800V 1x240 B2ca-s1a, d0, a1	Schwarz	34,0	2670
☎	-	Genre NF F 55-625 (K25) 1000V 1x500 CPR B2ca-s1a, d0, a1	Schwarz	38,7	5231
☎ 10284054	-	NF F 55-625 (K25) 1800V 1x120 B2ca-s1a, d0, a1	Schwarz	26,0	1424
☎ 10279315	-	NF F 55-625 (K25) 1000V 1x185 B2ca-s1a, d0, a1 Anti rodent	Schwarz	27,0	2019
☎ 10279314	-	NF F 55-625 (K25) 1000V 1x150 B2ca-s1a, d0, a1 Anti rodent	Schwarz	25,0	1639

☎ = Make to order, 📦 = In stock,

## COMPLEMENT

### Bending Radius

$r = 6 \times$  maximum outer diameter

## SELLING AND DELIVERY INFORMATION

### Marking

1000 V cables: 1000 - Nber of cores & cross-section - SH -NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 - Manufacturing n° + metric marking

1800 V cables: 1800 - Nber of cores & cross-section - SH -NF F 55-625 - LYNXEO 279 - WW - YY - B2ca-s1a, d0, a1 - Manufacturing n° + metric marking