



CONTACT

Market information
industryprojects.business@lynxgroup.com

STANDARDS

Product 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



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

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

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	Colore della guaina esterna	Diametro esterno max [mm]	Peso approssimativo del cavo [kg/km]
☎ 10270814	-	NF F 55-625 (K25) 1000V 1x6 B2ca-s1a, d0, a1	Nero	8,9	125
☎ 10270816	-	NF F 55-625 (K25) 1000V 1x10 B2ca-s1a, d0, a1	Nero	9,8	172
☎ 10275525	-	NF F 55-625 (K25) 1000V 1x25 B2ca-s1a, d0, a1	Nero	13,2	351
☎ 10270817	-	NF F 55-625 (K25) 1000V 1x35 B2ca-s1a, d0, a1	Nero	14,6	461
☎ 10270819	-	NF F 55-625 (K25) 1000V 1x50 B2ca-s1a, d0, a1	Nero	16,0	592
☎ 10270821	-	NF F 55-625 (K25) 1000V 1x70 G/Y B2ca-s1a, d0, a1	Verde / giallo	18,5	825
☎ 10270822	-	NF F 55-625 (K25) 1000V 1x95 B2ca-s1a, d0, a1	Nero	20,6	1095
☎ 10270823	-	NF F 55-625 (K25) 1000V 1x120 B2ca-s1a, d0, a1	Nero	22,4	1347
☎ 10270824	-	NF F 55-625 (K25) 1000V 1x150 B2ca-s1a, d0, a1	Nero	25,0	1639
☎ 10270825	-	NF F 55-625 (K25) 1000V 1x185 B2ca-s1a, d0, a1	Nero	27,0	2019
☎ 10270826	-	NF F 55-625 (K25) 1000V 1x240 B2ca-s1a, d0, a1	Nero	30,0	2613
☎ 10270815	-	NF F 55-625 (K25) 1000V 1x6 Y/G B2ca-s1a, d0, a1	Verde / giallo	8,9	126
☎ 10270818	-	NF F 55-625 (K25) 1000V 1x35 Y/G B2ca-s1a, d0, a1	Verde / giallo	14,6	463
☎ 10270820	-	NF F 55-625 (K25) 1000V 1x70 B2ca-s1a, d0, a1	Nero	18,5	823

☎ = Make to order, 📦 = In stock,

Reference	Country Ref.	Name	Colore della guaina esterna	Diametro esterno max [mm]	Peso approssimativo del cavo [kg/km]
☎ 10275524	-	NF F 55-625 (K25) 1000V 1x16 B2ca-s1a, d0, a1	Nero	11,5	243
☎ 10277897	-	NF F 55-625 (K25) 1000V 1x16 B2ca-s1a, d0, a1	Verde / giallo	11,4	245
☎ 10278390	-	NF F 55-625 (K25) 1000V 1x300 B2ca-s1a, d0, a1	Nero	33,0	3290
☎ 10265248	-	NF F 55-625 (K25) 1800V 1x240 B2ca-s1a, d0, a1	Nero	34,0	2670
☎	-	Genre NF F 55-625 (K25) 1000V 1x500 CPR B2ca-s1a, d0, a1	Nero	38,7	5231
☎ 10284054	-	NF F 55-625 (K25) 1800V 1x120 B2ca-s1a, d0, a1	Nero	26,0	1424
☎ 10279315	-	NF F 55-625 (K25) 1000V 1x185 B2ca-s1a, d0, a1 Anti rodent	Nero	27,0	2019
☎ 10279314	-	NF F 55-625 (K25) 1000V 1x150 B2ca-s1a, d0, a1 Anti rodent	Nero	25,0	1639

☎ = Make to order, 📦 = In stock,

COMPLEMENT

Bending Radius

$r = 6 \times \text{maximum outer diameter}$

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