



Reference: 10283431
EAN 13: 3427580832970

FIRE PERFORMANCE CLASS



B2ca-s1a,d0,a1

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 power or lighting installations 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
- Low toxicity: According to RATP K20 specification
- Low corrosivity: According to RATP K20 specification
- Without Halogen : According to RATP K20 specification

Design

- **Conductor:** Bare copper class 2
- **Insulation:** Cross-linked Polyethylene (XLPE)
- **Assembling:** An inner sheath acting as a filler with practically zero thickness
- **Inner sheath:** Polyolefin without halogen
- **Screen:** Copper braid
- **Outer sheath:** Polyolefin without halogen Colour : black

Marking

750 - Nber of cores & cross-section - EMC - SH - TYPE NF F 55-625 - NEXANS 279 - WW - YY - B2ca-s1a, d0, a1 - Manufacturing number - DoP:1000135-FRME + metric marking

Core identification

According to NF F 55625
3G: black - blue - green/yellow
4G: black - blue - brown - green/yellow
5G: black - blue - brown - black - green/yellow

Reaction to fire: B2ca-s1a, d0, a1



Halogen free
IEC/EN 60754-1



Flame retardant
IEC/EN 60332-1-2



Smoke density
IEC 61034-2 & EN 61034-2



Gases corrosivity
IEC/EN 60754-2



Max. conductor temp. in service
90 °C



Operating temp.
-20 ... 60 °C

CHARACTERISTICS

Construction characteristics

Conductor material	Plain copper
Type of conductor	Stranded, class 2
Insulation	XLPE (Cross-linked Polyethylene)
Inner sheath	Halogen free polyolefin
Screen	Copper Braid
Outer sheath	Halogen free polyolefin
Sheath colour	Black
Halogen free	IEC/EN 60754-1
With Green/Yellow core	No

Dimensional characteristics

Number of cores	2
Conductor cross-section	0.5 mm ²
Minimum outer diameter	- mm
Maximum outer diameter	11.0 mm
Approximate weight	152 kg/km

Usage characteristics

Flame retardant	IEC/EN 60332-1-2
Smoke density	IEC 61034-2 & EN 61034-2
Gases corrosivity	IEC/EN 60754-2
Max. conductor temperature in service	90 °C
Operating temperature, range	-20 ... 60 °C