



Reference: 10265294
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CONTACT

Market information
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Fire Resistant Armoured cables CR1 - C1 - C2 RATP Specification K27

STANDARDS

Product IEC 60228; NF C32 - 310

Test NF C32 - 070/C1; NF C32 - 070/C2

DESIGN

1. Conductor
Bare copper - Solid class 1 for cross sections < 4mm²
Stranded class 2 for cross section 4mm²
2. Insulation
Mica tape + Silicone rubber
3. Assembly
4. Inner sheath
Halogen free Polyolefin
5. Armour
Stainless steel tapes
6. Sheath
Halogen free Polyolefin
Colour: orange

Core identification

- 2x: brown - blue
- 3x: brown - black - grey (brown - black - blue if the conductor cross - section is 1.5 or 2.5mm²)
- 3G: brown - blue - green/yellow
- 4x: brown - black - grey - blue
- 4G: brown - black - grey - green/yellow
- 5x: black cores with printed numbers
- 5G: blue - brown - black - grey - green/yellow
- 7 cores and above : black cores with printed numbers

Marking

K27 - 300/500V - Number of cores & cross - section - ARMÉ - MM/YY -
LYNXEO 279 - Manufacturing n° + metric marking



Halogen free
IEC 60754 - 1



Mechanical
resistance to
impacts
Good



Fire resistant
NF C 32 - 070 CR1



Fire retardant
NFC 32070 C1



NFC 32070 C2



IEC 61034 - 2



Gases corrosivity
IEC 60754 - 2



Operating temp.
- 20 ... 70 ° C

CHARACTERISTICS

Insulating material	Silicone
Armour type	
Sheath colour	
Halogen free	IEC 60754 - 1
With Green/Yellow core	2 ()
	3
	4 mm ²
Maximum outer diameter	17.6 mm
Minimum outer diameter	- mm
()	494 kg/km
DC permissible current rating	- A
Voltage Drop	- V/A.km
Mechanical resistance to impacts	Good
Fire resistant	NF C 32 - 070 CR1
Fire retardant	NFC 32070 C1
	NFC 32070 C2
	IEC 61034 - 2
Gases corrosivity	IEC 60754 - 2
操作度范	- 20 ... 70 °C
Max. conductor temperature in service	90 °C
Oil resistance	Good
Chemical resistance	Good
Rodent protection	Yes