



Reference: 10224668
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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

- Conductor: Bare copper - Solid class 1 for cross section $< 4\text{mm}^2$ - Stranded class 2 for cross section 4mm^2
- Insulation: Silicone rubber + mica tape
- Inner sheath: Halogen free Polyolefin
- Armour: Steel tapes
- Outer sheath: Halogen free Polyolefin. Colour: orange

Core identification

- 2x: blue - brown
- 3x: brown - black - grey (brown - black - blue for cross sections $1,5\text{mm}^2$ and $2,5\text{mm}^2$)
- 3G: green/yellow - blue - brown
- 4x: blue - brown - black - grey
- 4G: green/yellow - brown - black - grey
- 5x: blue - brown - black - grey - black
- 5G: green/yellow - blue - brown - black - grey
- 7x: white numbered with or without green/yellow

Marking

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

CHARACTERISTICS

Insulating material
Armour type

Silicone

Sheath colour



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

Halogen free	IEC 60754 - 1
With Green/Yellow core	1
	3
	2.5 mm ²
Maximum outer diameter	16.5 mm
Minimum outer diameter	- mm
()	396 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



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