



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
- 2. Insulation**
Silicone rubber
- 3. Assembly**
- 4. Collective screen**
Polyester tape/copper tape/tinned copper drain wire
- 5. Inner sheath**
Halogen free Polyolefin
- 6. Armour**
Stainless steel tapes
- 7. Sheath**
Halogen free Polyolefin
Colour: orange

Core identification

Pair: white-blue
 Each core printed with pair number

Marking

K27 - 100/170 - Nber of pairs & 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



Flame retardant
 NFC 32070 C2



Smoke density
 IEC 61034-2



Gases corrosivity
 IEC 60754-2



Operating temp.
 -20 ... 70 °C

CHARACTERISTICS**Construction characteristics**

Halogen free	IEC 60754-1
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Mechanical characteristics

Mechanical resistance to impacts	Good
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Usage characteristics

Fire resistant	NF C 32-070 CR1
Fire retardant	NFC 32070 C1
Flame retardant	NFC 32070 C2
Smoke density	IEC 61034-2
Gases corrosivity	IEC 60754-2
Operating temperature, range	-20 ... 70 °C
Max. conductor temperature in service	90 °C
Oil resistance	Good
Chemical resistance	Good
Rodent protection	Yes
Electro magnetic interference resistance	Yes

K27 ARMoured CABLES 100/170V

Reference	Cross section [mm ²]	nb pairs	Max. outer diam. [mm]	Approx. weight [kg/km]
10141944	0.9	1	12.3	197
10060691	0.9	2	12.7	232
10176876	0.9	15	37.2	1238
10280194	1.2	2	17.7	383
10174887	1.2	5	25.7	828
10163149	1.2	15	39.1	1679
13137105	2.5	4	28.7	849