

ALSECURE® RZ1-K (AS)

ALSECURE® RZ1-K (AS), 5G6 mm²

Nexans Ref.: 10086493
Country Ref.: 102-336
EAN 13: 3427500009925
ALSECURE 1KV

DESCRIPTION

Application

RZ1-K Cable NON PROPAGATOR OF FIRE.
Installation in local of difficult ventilation, publics, evacuation itineraries, tunnels...

Almost null toxicity. Provoked gases when burning almost transparent, facilitating evacuation.

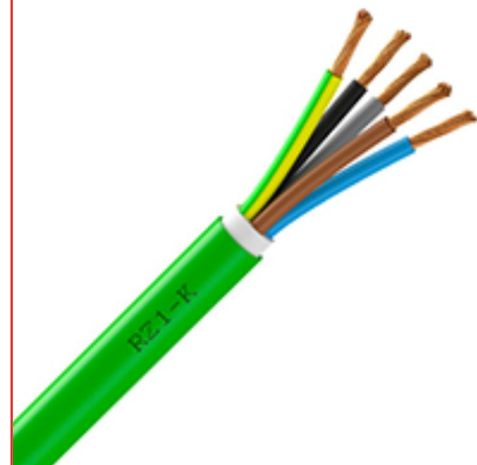
Core colours

- 1 core = Black
- 2 cores = Brown + Light blue
- 3 cores = Brown + Black + Grey or Brown + Light blue + Green-Yellow
- 4 cores = Brown + Black + Grey + Light blue or Green-Yellow
- 5 cores = Brown + Black + Grey + Light blue + Black or Green-Yellow

Marking

ALSECURE® Nexans RZ1 - K(AS) -0,6/1 KV - N (x or G) S mm² - Fab.Year- AENOR

- N = number of cores
- S = section in mm²
- G = with Green-Yellow
- x = without Green-Yellow



DECLARATION OF PERFORMANCE

Cca-s1b,d1,a1

STANDARDS

International EN 50265-2-1;
EN 50267-2-2; EN 50268;
IEC 60332-1;
IEC 60332-3 Cat.C; IEC 60502;
IEC 60754-1; IEC 60754-2;
IEC 61034

National UNE 21123



Conductor flexibility
Flexible class 5



Halogen free
IEC 60754-1



Lead free
Yes



Rated Voltage Uo/U
(Um)
0.6/1 kV



Max. conductor
temp.in service
90 °C



Fire retardant
IEC 60332-3-24



Flame retardant
-



Gases corrosivity
IEC 60754-2

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Version LE21-S50 Generated 1/29/22 www.nexans.es Page 1 / 2

ALSECURE® RZ1-K (AS)

ALSECURE® RZ1-K (AS), 5G6 mm²

CHARACTERISTICS

Construction characteristics

Conductor material	Electrolytic copper
Sheath colour	Green
Outer sheath	Polyolefin
Insulation	Extruded XLPE
Conductor flexibility	Flexible class 5
Conductor shape	Circular
Halogen free	IEC 60754-1
Lead free	Yes

Dimensional characteristics

Number of cores	5
Conductor cross-section	6 mm ²
Approximate weight	520 kg/km
Outer Diameter	19.8 mm

Electrical characteristics

Rated Voltage U ₀ /U (Um)	0.6/1 kV
Max. DC resistance of the conductor at 20°C	- Ohm/km
Permissible current rating in open air	54 A
Permissible current rating when buried	44 A

Usage characteristics

Max. conductor temperature in service	90 °C
Fire retardant	IEC 60332-3-24
Flame retardant	-
Gases corrosivity	IEC 60754-2
Gases toxicity	No toxicity to IEC 60754-1
Packaging	-
Smoke density	IEC 61034
Weather resistance	Good