

RZ Aluminum

DESCRIPTION

Application

RZ aluminum cables can be used in all the low power installations dedicated to the rural and public feeding.

Installation

These cables are for air transport, or fixed to walls. They should never be buried.

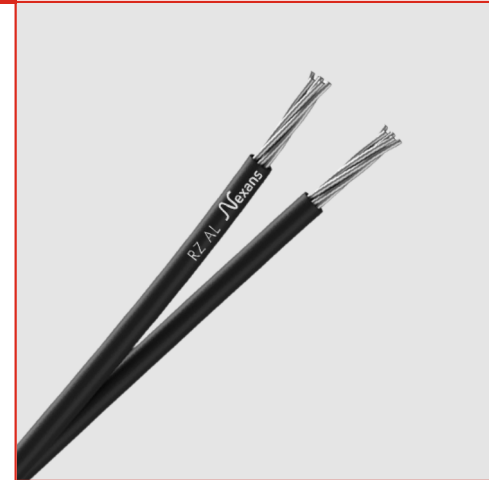
Core colours

- 2 cores = Black
- 3 cores = Black
- 4 cores = Black

Marking

N x S mm² RZ AL - Year Fab. - N° Plant

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



STANDARDS

International EN 50265;
IEC 60502

National UNE 21123;
UNE 21123



Conductor flexibility
Stranded class 2



Lead free
Yes



Rated Voltage U_o/U
(Um)
0,6/1 kV



Max. conductor
temp.in service
90 °C



Operating temp.
-20 ... 70 °C



Flame retardant
EN 50265-2-1



Water proof
Good



Weather resistance
Very good

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.

Generated 9/18/24 www.nexans.es Page 1 / 2

RZ Aluminum

CHARACTERISTICS

Construction characteristics

| | |
|-----------------------|------------------|
| Conductor flexibility | Stranded class 2 |
| Conductor material | Aluminum |
| Lead free | Yes |
| Conductor shape | Circular |









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 when buried | - A |

Usage characteristics

| | |
|---------------------------------------|---------------|
| Max. conductor temperature in service | 90 °C |
| Operating temperature, range | -20 ... 70 °C |
| Flame retardant | EN 50265-2-1 |
| Water proof | Good |
| Weather resistance | Very good |

PRODUCT LIST

| Nexans Ref. | Country Ref. | Name |
|--|--------------|--|
|  10057559 | - | RZ Aluminio, 2x16 mm ² |
|  10057552 | - | RZ Aluminio, 2x25 mm ² |
|  10057551 | - | RZ Aluminio, 3x150 + 80 mm ² |
|  10057557 | - | RZ Aluminio, 3x25 + 54.6 mm ² |
|  10057554 | - | RZ Aluminio, 3x50 + 54.6 mm ² |
|  10057555 | - | RZ Aluminio, 3x95 + 54.6 mm ² |
|  10057558 | - | RZ Aluminio, 4x16 mm ² |
|  10057553 | - | RZ Aluminio, 4x25 mm ² |

 = Make to order,  = In stock,

SELLING AND DELIVERY INFORMATION

Marking

N x S mm² RZ AL - Year Fab. - N° Plant

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