

barrynax RZ

RZ 0,6/ 1 kV

Definition

Technical definition: RZ 0.6/1 kV

Voltage rating:..... 0.6/1 kV



Max. operative temperature:

operating service:90°C

short-circuit (5 s.)250°C



Voltage test: Alternating current.....3.5 kV.
Direct current 8.5 kV.

Constructive description:



Applications

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d or embedded structures.

Suitable methods of installation:

If requires to have an installation tightened between supports these same cables will be able to be used fixing them with clips, each 0,5 m to a wire fastener or steel cord previously installed. The damages in form of penetrating tracks will have to be avoided, due to the thermal expansions.

Functional characteristics

A) Outdoors behaviour:

The isolation of XLPE of the cables Barrynax RZ with black overload of smoke offers an exceptional resistance to the deterioration caused by atmospheric ultra-violet rayses and other agents.



B) High temperature on service:

The isolation of XLPE, improves the capacity of power transmission,elevating temperature in permanent service up to 90 ° C and short - circuit (5 s.) up to 250 °C, in contrast with 70/160 °C del PVC.





Dimensional characteristics

Code	Nominal cross-section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20°C
	mm ²	mm	mm	Kg/km	Ohm/km

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82199	2x2,5	8,38	1,2	69	7,41
82204	2x4	9,26	1,2	96	4,61
82200	2x6	10,8	1,2	138	3,08
82201	2x10	12,4	1,2	213	1,83
82202	2x16	14,4	1,2	327	1,15
82208	4x2,5	10,1	1,2	129	7,41
82209	4x4	11,2	1,2	196	4,61
82210	4x6	13	1,2	276	3,08
82211	4x10	15	1,2	425	1,83
82212	4x16	17,5	1,2	665	1,15



Available references of permanent stock and **Integrated Service** net

Presentation

Only available in drums

Colours

Black colour isolation with corelative numeration printed on sheath.

- The conductors take on the outer surface of the insulating sheath within the following marks: phase conductor, numbers 1, 2 or 3 with a dash in its base, inverted alternatively 180°.
- Neutral conductor, letter **N** printed + identification of the manufacturer + the two last numbers of the manufacturing year and the cable section / size.