

barrynax RV

RV 0,6 / 1 kV

Definition

Technical definition: RV 0.6/1 kV

Voltage rating: 0.6/1 kV



Max. operative temperature:

operating service: 90°C

short-circuit (5 s.): 250°C

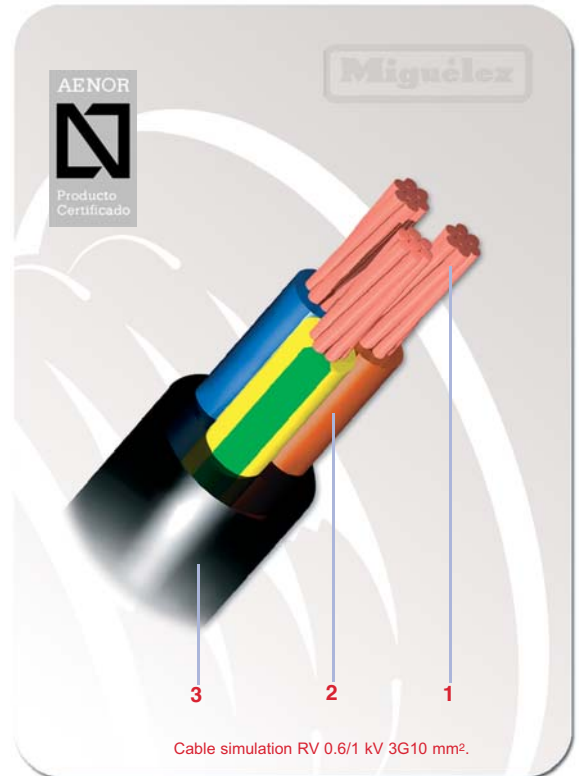


Voltage test: Alternating current..... 3.5 kV.
Direct current 8.5 kV.

Constructive description:

Built according to UNE 21123-2 standard:

- 1 Solid electrolytic copper conductor class 1 and/or 2 according to UNE-EN 60228/ EN 60228 /IEC 60228



Applications

Installation type:FIXED

Users guide:

RV: "for the transport and distribution of electrical energy in fixed facilities, protected or not. Adapted for inner and outer facilities, on outdoors supports to the air, inside tubes or buried." (UNE 21123-2)

This is specially indicated for the installation of distribution networks, public lighting installations and industrial facilities. Appropriate when it is not required a high level of flexibility and cable is required to display high benefits forehead to overloads and short circuits.

Suitable methods of installation:

The horizontal range between the clips will not be more than 20 times the diameter of the cable. The distance also is valid between points of support in case of tending on grids carries cables or on trays. In no case this distance must exceed 80 cm.

Functional characteristics

A) Non flame propagation test:

The composition of the isolation of PVC type DMV-18, guarantees non flame propagation according to: UNE-EN 60332-2-1 ; EN 60332-2-1 ; IEC 60332-2-1 standards.



B) Outdoors behaviour:

It offers a good protection face to possible environmental agents, allowing its installation outdoors, under earth, even in the presence of non-permanent humidity.








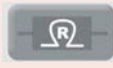

















C) High service temperature:

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





Dimensional characteristics

Code	Nominal cross-section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20°C
					
	mm ²	mm	mm	Kg/km	Ohm/km
RV 0,6/1KV					
80714	1x1,5	5,91	0,7	44,5	12,1
 80715	1x2,5	6,31	0,7	59,74	7,41
80716	1x4	6,63	0,7	74	4,61
 80717	1x6	7,38	0,7	98	3,08
 80718	1x10	8,36	0,7	143	1,83
 80719	1x16	9,23	0,7	205	1,15
 80720	1x25	10,8	0,9	310	0,727
 80721	1x35	11,8	0,9	408	0,524
 80722	1x50	13,5	1	526	0,387
 80723	1x70	15,3	1,1	726	0,268
 80724	1x95	17,1	1,1	988	0,193
 80725	1x120	18,8	1,2	1231	0,153
 80726	1x150	21	1,4	1495	0,124
 80727	1x185	22,9	1,6	1860	0,0991
 80728	1x240	25,9	1,7	2413	0,0754
80729	1x300	29,5	1,8	3000	0,0601
80731	2x1,5	8,71	0,7	102	12,1
 80732	2x2,5	9,4	0,7	122	7,41
80733	2x4	10	0,7	169	4,61
 80734	2x6	13,2	0,7	275	3,08
 80735	2x10	14,9	0,7	390	1,83
 80736	2x16	17,2	0,7	565	1,15
80737	2x25	20,2	0,9	832	0,727
80740	3G1,5	9,08	0,7	138	12,1
80741	3G2,5	10,4	0,7	152	7,41



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



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Next

Code	Nominal cross-section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20°C
	mm ²	mm	mm	Kg/km	Ohm/km
80743	3x4	10,7	0,7	204	4,61
80744	3x6	14,2	0,7	323	3,08
80745	3x10	15,7	0,7	498	1,83
80746	3x16	18,3	0,7	701	1,15
80747	3x25	21,4	0,7	1056	0,727
80765	4x1,5	9,8	0,7	136	12,1
80766	4x2,5	10,8	0,7	183	7,41
80767	4x4	11,2	0,7	152	4,61
80768	4x6	15	0,7	406	3,08
80769	4x10	17,3	0,7	599	1,83
80770	4x16	19,8	0,7	875	1,15
86271	5G1,5	11,5	0,7	178	12,1
86272	5G2,5	12,3	0,7	260	7,41
86273	5G4	13	0,7	360	4,61
86274	5G6	16,8	0,7	502	3,08
86275	5G10	19,1	0,7	735	1,83
86276	5G16	22,2	0,7	1001	1,15
86280	5G25	26,7	0,9	1665	0,727



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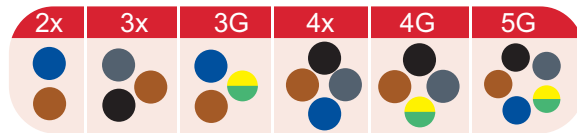
Presentation

Boxes, packages, and standard pallet sizes

Cable type	M. pallet	Nominal section	meters
BARRYNAX RV 0,6/1Kv	5.400	3x1,5	100
BARRYNAX RV 0,6/1Kv	3.600	3x2,5	100

* Rest of sizes: available in drums.

Colours



XLPE 90°C

0,6 / 1 kV