

barrynax AR-Fleje

RVFAV/RV FV 0,6/1 kV

Definition

Technical definition: RVFAV/RV FV 0.6/1 kV

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



max. operative service:

operating service: 90°C

short-circuit (5 s.).....250°C



Voltage test: Alternating

curre



Cable simulation RVFAV/RV FV 0,6/1kV 2 x 10 mm².

Applications

Installation type:FIXED.

Users guide:

RVFAV/RV FV: " for the transport and distribution of electrical energy in fixed facilities, protected or not. Adapted for inner and outer facilities, on supports (outdoors), in tubes or buried. Non suitable for facilities of feeding of submerged pumps." (UNE 21123-2)

It's specially indicated for its use in fixed facilities that can be put under possible mechanical aggressions. It is recommended to use in production plants or facilities where the presence of rodents can suppose a threat for the integrity of the cable. Also it is recommended to use on public lightning installations.

Suitable methods of installation:

The horizontal range between clips will not be more than 20 times the diameter of the cable. Also, the distance 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) mechanical protection:

The application of an armor of double steel tape armour (or aluminum for the single-core ones) provides an excellent protection against accidental blows, crushing or possible perforations.



B) Non flame propagation test:

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



**C) High temperature on service:**

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

**D) Behaviour outdoors:**

Provides a good protection face to possible environmental agents, allowing its installation outdoors, underground, even in the presence of non-permanent humidity.

*Dimensional characteristics*

Code	Nominal cross section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20°C
	mm ²	mm	mm	Kg/km	Ohm/km
RVFAV 0,6/1KV					
85770	1x16	14.4	0,7	344	1,15
80775	1x25	15.7	0,9	482	0,727
80776	1x35	16.9	0,9	592	0,524
80777	1x50	18.3	1	740	0,387
80778	1x70	20.5	1,1	1030	0,268
80779	1x95	21.5	1,1	1223	0,193
80780	1x120	24	1,2	1527	0,153
80781	1x150	25.1	1,4	1797	0,124
80782	1x185	27.7	1,6	2400	0,0991
80783	1x240	30.7	1,7	2760	0,0754
80784	1x300	34.3	1,8	3446	0,0601
RVFBV 0,6/1KV					
80785	2x1.5	12,2	0,7	203,29	12,1
80786	2x2.5	13,4	0,7	230,15	7,41
80787	2x4	14,6	0,7	300	4,61
80788	2x6	16	0,7	363,12	3,08
80789	2x10	17,7	0,7	472,22	1,83
80790	2x16	20.6	0,7	772	1,15
80791	2x25	23	0,9	1100	0,727
80792	3x1.5	13.2	0,7	280	12,1



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



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Code	Nominal cross section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20°C
	mm ²	mm	mm	Kg/km	Ohm/km
80793	3x2,5	13,7	0,7	347	7,41
80794	3x4	14,8	0,7	367	4,61
80820	3x6	16,9	0,7	525	3,08
80796	3x10	18,5	0,7	658	1,83
80797	3x16	20,2	0,7	893	1,15
80798	3x25	23,6	0,9	1286	0,727
80810	4x1,5	13,7	0,7	311	12,1
80811	4x2,5	15	0,7	368	7,41
80812	4x4	15,5	0,7	445	4,61
80813	4x6	17,7	0,7	576	3,08
80814	4x10	20	0,7	810	1,83
80815	4x16	22,6	0,7	1069	1,15
80870	5G1,5	14,6	0,7	341	12,1
80883	5G2,5	16	0,7	483	7,41
80550	5G4	17,9	0,7	517	4,61
80551	5G6	19,8	0,7	682	3,08
80867	5G10	21,7	0,7	1002	1,83
80868	5G16	23,8	0,7	1311	1,15
80869	5G25	29,3	0,9	2019	0,727



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

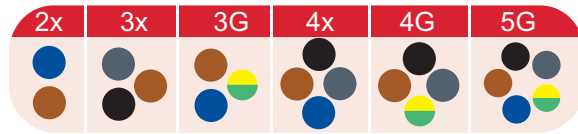
RVFAV/RV FV 0,6/1 kV



Presentation

* Only available in drums

Colours



XLPE 90°C

0,6 / 1 kV