

barryflex multiple VV-K

VV-K 0,6/1 kV

Definition

Technical definition:VV-K 0.6/1 kV

Voltage rating: 0.6/1 kV



Max. operative temperature:

operating service:70°C

Size ≤ 300mm² - In short-circuit (5 s.).....160°C

Size > 300mm² - In short-circuit (5 s.).....140°C



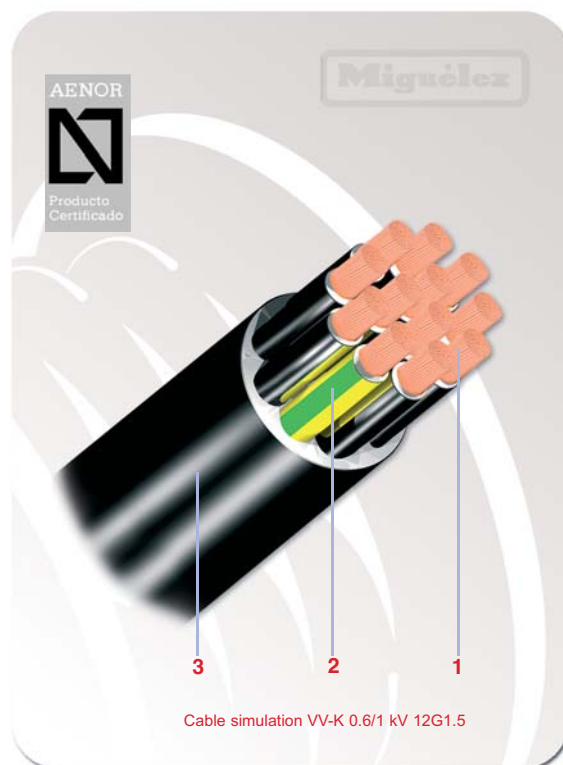
Voltage test: Alternating current:.....3.5 kV.

Direct current:.....8.5 kV.

Constructive description:

Built according to UNE 21123-1:

- 1 Flexible electrolytic copper conductor class 5 according to UNE-EN 60228/ EN 60228 /IEC 60228



Applications

Installation type:FIXED

Users Guide:

VV-K: Perfect for Instrumentation & control systems, for the feeding of fixed facilities in buildings and industries. Its great flexibility makes it very practical in complex geometry facilities.

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) Flexibility:

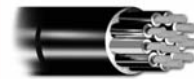
The use of flexible copper conductor forming a rope yarn of several very fine threads in combination with the isolation and PVC sheath provides these cables with exceptional degrees of flexibility.



B) Non flame propagation test:

The composition of the PVC sheath type ST 1, guarantees the non-flame propagation according to UNE-EN 60332-2-1 ; EN 60332-2-1 ; IEC 60332-2-1 standards.





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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	81771	6G1.5	13,7	0,8	213,4	13,3
	81772	6G2.5	15,3	0,8	291,76	7,98
	81776	7G1.5	15,5	0,8	240,04	13,3
	81777	7G2.5	16,8	0,8	305,5	7,98
	81781	8G1.5	16,3	0,8	282,01	13,3
	81782	8G2.5	17	0,8	443	7,98
	81701	10G1.5	16,5	0,8	303,39	13,3
	81702	10G2.5	17,4	0,8	424,02	7,98
	81705	12G1.5	17,1	0,8	440	13,3
	81706	12G2.5	19,2	0,8	618	7,98
	81711	14G1.5	18,2	0,8	492	13,3
	81712	14G2.5	20,1	0,8	643	7,98
	81716	16G1.5	18,3	0,8	516	13,3
	81717	16G2.5	21,1	0,8	717	7,98
	81721	18G1.5	20,9	0,8	578	13,3
	81722	18G2.5	21,6	0,8	804	7,98
	81725	19G1.5	21	0,8	598	13,3
	81726	19G2.5	23	0,8	822	7,98
	81729	20G1.5	21,1	0,8	650	13,3
	81804	20G2.5	23,1	0,8	931	7,98
	81735	24G1.5	22,6	0,8	776	13,3
	81736	24G2.5	25,0	0,8	1027	7,98
	81740	27G1.5	24,2	0,8	804	13,3
	81741	27G2.5	26,6	0,8	1114	7,98
	81745	30G1.5	24,4	0,8	874	13,3
	81746	30G2.5	27,6	0,8	1217	7,98
	81749	33G1.5	25,4	0,8	947	13,3
	81750	33G2.5	27,8	0,8	1328	7,98
	81757	37G1.5	26,3	0,8	1040	13,3
	81758	37G2.5	30,0	0,8	1468	7,98

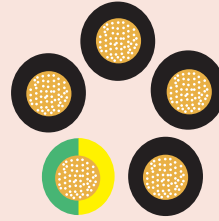




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Colours

Identified according to the colour harmonised code standard EN 50334 being made up of green and yellow grounding wire (if available) and the rest of the black conductors with numeration in white or yellow, at intervals of 50 mm.



Presentation

Boxes, packages and standard pallet sizes

Cable type	M. pallet	Nominal section	meters
BARRYFLEX Múltiple vv-k	2800	6G1,5	100
BARRYFLEX Múltiple vv-k	1500	6G2,5	100
BARRYFLEX Múltiple vv-k	1500	7G1,5	100
BARRYFLEX Múltiple vv-k	1500	7G2,5	100

Rest of sizes: available in drums