

YmvK-mb ss Flexible Cable 600/1000V

Class 2 copper conductor to IEC60228 with fine wires to give the flexible equivalent to class 5, XLPE insulation, PVC inner sheath, PVC outer sheath.

Applications: Power transmission, suitable for outdoors, buried underground and even submerged in water

Voltage rating: 0.6 / 1 kV

Core Identification: 2 core – Brown and Blue

3 core – Brown, Blue and Green / Yellow

4 core – Black, Grey, Brown and Green / Yellow

5 core – Black, Blue, Brown, Grey and Green / Yellow

Optional: 4 core - Black, Brown, Blue and Green / Yellow)

Sheath colour: Grey

Operating temperature: Maximum 90°C, minimum bending 0°C

Minimum bending radius: 5 x overall diameter

Standards: IEC60332 - Flame retardant

Designation: Y – XLPE conductor insulation

M – stranded conductors

V – PVC inner sheathing

K

Mb – flame retardant

Ss – super supply conductor

KEMA approved



Approvals:

No of cores	Conductor size mm ²	Overall diameter mm	Weight Kg/km	Current ratings amps		BATT part no
				Open air 30°C	Buried 20°C	
1	10	8.2	139	74	61	
1	16	9.2	198	101	79	
1	25	11	300	135	101	
1	35	12.2	395	169	122	
1	50	13.8	516	207	144	16981
1	70	15.8	723	268	178	
1	95	17.9	970	328	211	16983
1	120	19.5	1210	383	240	16982
1	150	21.5	1497	444	271	30017
1	185	23.9	1866	510	304	30018
1	240	27.4	2449	607	351	16980
1	300	29.6	3019	703	396	
1	400	36.5	4400	-	-	
2	10	14.9	395	86	73	
2	16	16.6	544	115	95	
2	25	20.8	861	149	121	
2	35	22.6	1085	185	146	
3	10	15.6	480	75	61	
3	16	17.6	681	100	79	
3	25	21.6	1068	127	101	
3	35	24.1	1381	158	122	
3	50	28	1862	192	144	
3	70	31.1	2557	246	178	
3	95	36.9	3474	298	211	
3	120	40.7	4339	346	240	
3	150	44.9	5362	399	271	
3	185	50.3	6718	456	304	
3	240	57.3	8805	538	351	
4	10	17	590	75	61	
4	16	19.3	849	100	79	
4	25	24.1	1340	127	101	
4	35	26.3	1749	158	122	
4	50	31.3	2348	192	144	
4	70	36.3	3307	246	178	16814
4	95	41.4	4440	298	211	
4	120	46.6	5680	346	240	
4	150	49.9	6876	399	271	
4	185	56.1	8644	456	304	
4	240	64.3	11365	538	351	
5	10	18.7	851	75	61	16790
5	16	21.2	1047	100	79	
5	25	26.1	1639	127	101	16878
5	35	29.4	2170	158	122	
5	50	34.5	2915	192	144	16962
5	70	39.5	4067	246	178	16861
5	95	46.8	5623	398	211	16862
5	120	51	7042	346	240	
5	150	55.3	8534	399	271	

