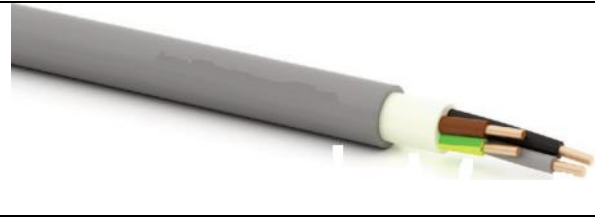




# Becatech

Interconnective Power



## Flexible halogen free power cable (YMz1K B2ca)

### Cable Structure :

Conductor: bare copper, =< 6mm<sup>2</sup> is solid ; => 10mm<sup>2</sup> is conjoined (according to IEC 60228).

Insulation: XLPE.

Outer sheath: halogen free compound.

### Technical Specification :

Rated temperature: -40°C to 70°C.

Rated bending radius during installation: 10 x  $\phi$ .

Rated bending radius installed: 8 x  $\phi$ .

Fire behaviour according to EN 13501-6, B2ca-s1, d1, a1.

### Application :

Can be used in fixed construction and in above-ground low voltage installations and may be used in all areas. This cable is often used in installations where very high requirements are set for fire safety, such as in hospitals, hotels, schools, retirement homes, etc.

Core x mm <sup>2</sup>	Insulation Thickness Mm	Outer Sheath Thickness Mm	Overall Diameter mm	Weight Cable (kg/km)
1x16	0.7	1.4	11.2	263
1x25	0.9	1.4	12.8	371
1x35	0.9	1.4	14.0	472
1x50	1.0	1.4	15.3	616
1x70	1.1	1.4	17.2	834
1x95	1.1	1.5	19.2	1111
1x120	1.2	1.5	20.8	1360
1x150	1.4	1.6	22.8	1655
1x185	1.6	1.6	25.0	2043
1x240	1.7	1.7	27.7	2584

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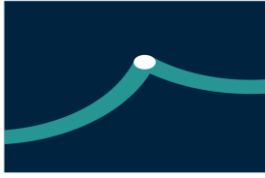
## Interconnective Power

1x300	1.8	1.8	30.4	3179
1x400	2.0	1.9	33.7	4077
1x500	2.2	2.0	37.8	5177
1x630	2.4	2.0	42.5	6556
2x1.5	0.7	1.8	10.1	147
2x2.5	0.7	1.8	10.9	180
2x4	0.7	1.8	11.9	233
2x6	0.7	1.8	12.9	291
2x10	0.7	1.8	14.5	404
2x10	0.7	1.8	15.1	430
2x16	0.7	1.8	16.9	585
2x25	0.9	1.8	20.1	859
2x35	0.9	1.8	22.5	1117
2x50	1.0	1.8	25.1	1473
2x70	1.1	1.8	29.9	2112
2x95	1.1	1.9	34.1	2844
2x120	1.2	2.1	37.7	3522
2x150	1.4	2.2	41.5	4299
2x185	1.6	2.3	46.2	5364
2x240	1.7	2.5	52.0	6850
3g1.5	0.7	1.8	10.5	165
3g2.5	0.7	1.8	11.4	208
3g4	0.7	1.8	12.5	274
3g6	0.7	1.8	13.6	351
3x10	0.7	1.8	15.3	498
3x10	0.7	1.8	15.9	526
3x16	0.7	1.8	17.9	731
3x25	0.9	1.8	21.3	1083
3x35	0.9	1.8	23.9	1420
3x50	1.0	1.8	27.7	1971
3x70	1.1	1.9	30.1	2392
3x95	1.1	2.0	33.3	3199
3x120	1.2	2.1	36.2	3951
3x150	1.4	2.3	40.7	4853
3x185	1.6	2.4	45.1	6040
3x240	1.7	2.6	50.4	7752
3x300	1.8	2.8	55.0	9689
3x70 + 35	1.1	1.9	32.2	2763

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## Interconnective Power

3x95 + 50	1.1	2.0	36.2	3710
3x120 + 70	1.2	2.2	40.6	4700
3x150 + 70	1.4	2.3	43.9	5572
3x185 + 95	1.6	2.5	48.7	7031
3x240 + 120	1.7	2.6	54.4	8960
4g1.5	0.7	1.8	11.2	192
4g2.5	0.7	1.8	12.2	247
4g4	0.7	1.8	13.4	326
4g6	0.7	1.8	14.6	423
4g10	0.7	1.8	16.5	607
4g10	0.7	1.8	17.2	642
4g16	0.7	1.8	19.4	901
4g25	0.9	1.8	23.3	1353
4g35	0.9	1.8	26.1	1773
4g50	1.0	1.9	30.5	2486
4g70	1.1	2.0	33.6	3129
4g95	1.1	2.1	38.0	4208
4g120	1.2	2.3	42.0	5227
4g150	1.4	2.4	46.8	6395
4g185	1.6	2.6	51.5	7977
4g240	1.7	2.8	58.0	10247
4g300	1.8	3.0	63.9	12829
5g1.5	0.7	1.8	12.0	221
5g2.5	0.7	1.8	13.1	288
5g4	0.7	1.8	14.5	387
5g6	0.7	1.8	15.8	501
5g10	0.7	1.8	18.0	732
5g10	0.7	1.8	18.8	780
5g16	0.7	1.8	21.2	1094
5g25	0.9	1.8	25.6	1646
5g35	0.9	1.8	29.8	2253
5g50	1.0	2.0	34.1	3086
5g70	1.1	2.1	39.5	4288
5g95	1.1	2.3	44.8	5789
5g120	1.2	2.4	49.8	7229
5g150	1.4	2.6	55.1	8877
5g185	1.6	2.8	61.4	11087
5g240	1.7	3.0	68.6	14074

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