



# Becatech

Interconnective Power



## Low voltage power cable (XVB)

### Cable Structure :

Conductor: copper.  
Insulation: XLPE.  
Cover: taped or extruded.  
Outer sheath: fire retardant PVC.

### Technical Specification :

Rated conductor temperature: 90°C.  
Minimum installation temperature: 0°C.  
Rated bending radius:

- Single core: 15 x  $\phi$ .
- Multi core: 12 x  $\phi$ .

Fire behaviour:

- Reaction to fire according to EN 50399 Cca-s3, d2, a3 and NBN C30-004 F2.
- UV-resistance according to EN 50289-4-17 method A 720h.

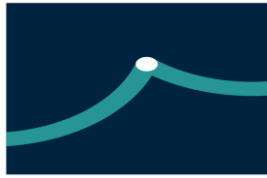
### Application :

For indoor and outdoor installations, in ducts, cable channels, open air and soil (only with protection).

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VAT BE0777.903.079  
CoC 0777.903.079



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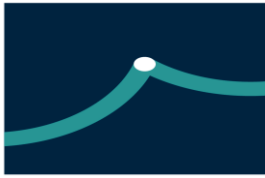
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Core x mm <sup>2</sup>	Insulation Thickness Mm	Outer Sheath Thickness Mm	Overall diameter Mm	Weight Cable (kg/km)
1x16	0.7	1.8	11.0	230
1x25	0.9	1.8	12.5	330
1x35	0.9	1.8	13.5	430
1x50	1.0	1.8	15.0	565
1x70	1.1	1.8	17.0	780
1x95	1.1	2.4	20.0	1090
1x120	1.2	2.4	22.0	1340
1x150	1.4	2.4	23.0	1625
1x185	1.6	2.4	26.0	2010
1x240	1.7	2.4	28.0	2530
1x300	1.8	2.4	31.0	3105
2x1.5	0.7	1.4	9.0	110
2x2.5	0.7	1.4	10.0	140
2x4	0.7	1.4	10.5	185
2x6	0.7	1.4	11.5	235
2x10	0.7	1.4	13.5	340
2x16	0.7	1.4	16.0	520
3x1.5	0.7	1.4	9.5	125
3g1.5	0.7	1.4	9.5	125
3x2.5	0.7	1.4	10.5	165
3g2.5	0.7	1.4	10.5	165
3x4	0.7	1.4	11.5	225
3g4	0.7	1.4	11.5	225
3x6	0.7	1.4	12.5	295
3g6	0.7	1.4	12.5	295
3x10	0.7	1.4	14.0	430
3x16	0.7	1.5	17.5	665
3x25	0.9	1.6	21.0	1005
3x35	0.9	1.7	25.0	1410
3x70	1.1	1.9	29.0	2190
3x95	1.1	2.0	32.0	3000
3x120	1.2	2.1	35.0	3700
3x150	1.4	2.3	39.0	4605
3x185	1.6	2.4	44.0	5765
3x240	1.7	2.6	49.0	7440

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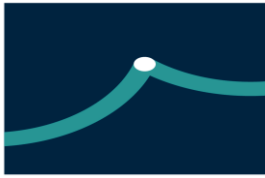
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3x300	1.8	2.8	53.0	9335
3x25 + 1x16	0.9/0.7	1.6	22.0	1170
3x35 + 1x16	0.9/0.7	1.7	26.0	1560
3x50 + 1x25	1.0/0.9	1.8	29.0	2140
3x70 + 1x35	1.1/0.9	1.9	31.0	2550
3x95 + 1x50	1.1/1.0	2.1	35.0	3515
3x120 + 1x70	1.2/1.1	2.2	39.0	4425
3x150 + 1x70	1.4/1.1	2.3	42.0	5310
3x185 + 1x95	1.6/1.1	2.5	47.0	6740
3x240 + 1x120	1.7/1.2	2.7	53.0	8650
3x300 + 1x150	1.8/1.4	2.9	59.0	10855
4g1.5	0.7	1.4	10.0	150
4x1.5	0.7	1.4	10.0	150
4x2.5	0.7	1.4	11.0	200
4x4	0.7	1.4	12.0	270
4x6	0.7	1.4	13.5	360
4x10	0.7	1.5	15.5	545
4x16	0.7	1.5	19.0	835
4x25	0.9	1.7	23.0	1285
4x35	0.9	1.8	27.0	1780
4x50	1.0	1.9	31.0	2405
4x70	1.1	2.0	32.0	2895
4x95	1.1	2.1	36.0	3980
4x120	1.2	2.3	40.0	4930
4x150	1.4	2.4	45.0	6110
4x185	1.6	2.6	50.0	7660
4x240	1.7	2.8	56.0	9875
4x300	1.8	3.0	62.0	12415
5x1.5	0.7	1.4	11.0	180
5g1.5	0.7	1.4	11.0	180
5x2.5	0.7	1.4	12.0	240
5g2.5	0.7	1.4	12.0	240
5x4	0.7	1.4	13.5	330
5g4	0.7	1.4	13.5	330
5x6	0.7	1.4	14.5	435
5g6	0.7	1.4	14.5	435
5x10	0.7	1.5	17.0	660
5x16	0.7	1.6	21.0	1030
5x25	0.9	1.7	27.0	1645
7x1.5	0.7	1.4	12.5	245

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7x2.5	0.7	1.4	14.0	325
9x1.5	0.7	1.4	14.5	300
9x2.5	0.7	1.5	16.0	405

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