



# Becatech

Interconnective Power



**Halogen free power  
installation cable (XGB)**

## Cable Structure :

Conductor: copper.  
Insulation: XLPE.  
Outer sheath: halogen free thermoplastic.

## Technical Specification :

Rated conductor temperature: 90°C.  
Minimum installation temperature: -5°C.  
Rated bending radius:

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

Fire behaviour:

- EN 50399 Cca-s1, d2, a1.
- On request (EN 50399 B2ca-s1, d2, a1).

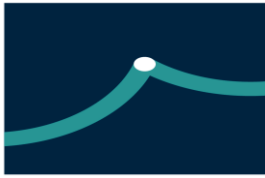
## Application :

Overall where halogen free cables are requested (in buildings with high concentration of people or valuable good,...).  
Laying in open air if protected from direct UV rays, in ducts (if no accumulation of water), in cable trays.

Becatech B.V.  
Middenweg 18  
3930 Hamont-Achel

info@becatech.be  
www.becatech.be  
+32 (0)11 19 29 45

IBAN BE89363217265185  
VAT BE0777.903.079  
CoC 0777.903.079



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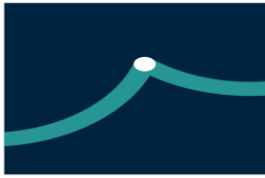
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Core x mm <sup>2</sup>	Insulation Thickness Mm	Outer Sheath Thickness Mm	Overall Diameter mm	Weight Cable (kg/km)
1x16	0.7	1.4	11.5	265
1x25	0.9	1.4	13.0	375
1x35	0.9	1.4	14.5	475
1x50	1.0	1.4	15.5	620
1x70	1.1	1.4	17.5	840
1x95	1.1	1.8	18.0	1025
1x120	1.2	1.8	19.5	1265
1x150	1.4	1.8	21.0	1545
1x185	1.6	1.8	24.0	1920
1x240	1.7	1.8	26.0	2435
1x300	1.8	1.8	29.0	3000
2x1.5	0.7	1.4	9.5	130
2x2.5	0.7	1.4	10.5	160
2x4	0.7	1.4	11.0	205
2x6	0.7	1.4	12.0	260
2x10	0.7	1.4	13.5	370
2x16	0.7	1.4	16.0	545
2x25	0.9	1.6	19.5	825
2x35	0.9	1.6	22.0	1075
3x1.5	0.7	1.4	10.0	145
3g1.5	0.7	1.4	10.0	145
3x2.5	0.7	1.4	11.0	185
3g2.5	0.7	1.4	11.0	185
3x4	0.7	1.4	11.5	245
3x6	0.7	1.4	13.0	320
3x10	0.7	1.4	14.5	460
3x16	0.7	1.5	17.5	695
3x25	0.9	1.6	21.0	1040
3x35	0.9	1.7	24.0	1390
3x50	1.0	1.8	28.0	1945
3x70	1.1	1.9	30.0	2350
3x95	1.1	2.0	31.0	2985
3x120	1.2	2.1	34.0	3685
3x150	1.4	2.3	39.0	4590

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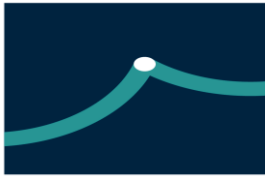
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3x185	1.6	2.4	43.0	5745
3x240	1.7	2.6	48.0	7420
3x300	1.8	2.8	53.0	9315
3x25 + 1x16	0.9/0.7	1.6	22.0	1200
3x35 + 1x16	0.9/0.7	1.7	25.0	1535
3x50 + 1x25	1.0/0.9	1.8	29.0	2195
3x70 + 1x35	1.1/0.9	1.9	32.0	2720
3x95 + 1x50	1.1/1.0	2.1	34.0	3495
3x120 + 1x70	1.2/1.1	2.2	39.0	4410
3x150 + 1x70	1.4/1.1	2.3	42.0	5290
3x185 + 1x95	1.6/1.1	2.5	47.0	6720
3x240 + 1x120	1.7/1.2	2.7	53.0	8625
3x300 + 1x150	1.8/1.4	2.9	58.0	10835
4x1.5	0.7	1.4	10.5	170
4x2.5	0.7	1.4	11.5	220
4x4	0.7	1.4	12.5	295
4x6	0.7	1.4	14.0	385
4x10	0.7	1.5	16.0	575
4x16	0.7	1.5	19.0	860
4x25	0.9	1.7	23.0	1320
4x35	0.9	1.8	26.0	1750
4x50	1.0	1.9	31.0	2460
4x70	1.1	2.0	34.0	3075
4x95	1.1	2.1	36.0	3965
4x120	1.2	2.3	40.0	4910
4x150	1.4	2.4	45.0	6090
4x185	1.6	2.6	50.0	7640
4x240	1.7	2.8	56.0	9850
4x300	1.8	3.0	62.0	12395
5x1.5	0.7	1.4	12.0	210
5g2.5	0.7	1.4	13.0	275
5x2.5	0.7	1.4	13.0	275
5g4	0.7	1.4	13.5	350
5x4	0.7	1.4	13.5	350
5x6	0.7	1.4	15.0	460
5x10	0.7	1.5	17.5	690
5x16	0.7	1.6	21.0	1050
5x25	0.9	1.7	26.0	1610
6x1.5	0.7	1.4	13.0	255
6x2.5	0.7	1.4	14.5	335

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7x1.5	0.7	1.4	13.0	265
7x2.5	0.7	1.4	14.5	350
9x1.5	0.7	1.4	15.0	335
9x2.5	0.7	1.5	16.5	450
10x1.5	0.7	1.4	16.0	375
10x2.5	0.7	1.5	19.0	555
12x1.5	0.7	1.4	16.5	410
12x2.5	0.7	1.5	19.5	610
14x1.5	0.7	1.5	18.5	510
14x2.5	0.7	1.5	20.5	675
16x1.5	0.7	1.5	19.5	565
16x2.5	0.7	1.6	23.0	810
19x1.5	0.7	1.5	20.0	630
19x2.5	0.7	1.6	24.0	910
21x1.5	0.7	1.6	23.0	775
21x2.5	0.7	1.6	25.0	1020
24x1.5	0.7	1.6	24.0	845
24x2.5	0.7	1.7	27.0	1130
27x1.5	0.7	1.6	25.0	900
27x2.5	0.7	1.7	28.0	1215
30x1.5	0.7	1.7	26.0	980
30x2.5	0.7	1.8	29.0	1325
37x1.5	0.7	1.7	27.0	1135
37x2.5	0.7	1.8	30.0	1550

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