



# Becatech

Interconnective Power



## Installation power cable (YMvK Dca ss)

### Cable Structure :

Conductor: flexible bare copper.  
Insulation: XLPE.  
Outer sheath: PVC.

### Technical Specification :

Minimum installation temperature: 0 °C.  
Rated conductor temperature: 90°C.  
Rated temperature while using: -40°C to 80°C.  
Fire behaviour according to Dca-s2, d2, a3.

### Application :

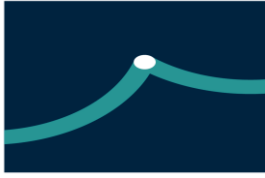
For general use in construction works, for which fire behaviour requirements apply.

| Core<br>x mm <sup>2</sup> | Insulation<br>Thickness<br>Mm | Outer<br>Sheath<br>Thickness<br>mm | Overall<br>Diameter<br>mm | Weight<br>Cable<br>(kg/km) |
|---------------------------|-------------------------------|------------------------------------|---------------------------|----------------------------|
| 1x16                      | 0.7                           | 1.8                                | 10.4                      | 227                        |
| 1x25                      | 0.9                           | 1.8                                | 12.0                      | 328                        |
| 1x35                      | 0.9                           | 1.8                                | 13.2                      | 425                        |
| 1x50                      | 1.0                           | 1.8                                | 14.5                      | 564                        |
| 1x70                      | 1.1                           | 1.8                                | 16.4                      | 777                        |
| 1x95                      | 1.1                           | 2.4                                | 19.4                      | 1091                       |
| 1x120                     | 1.2                           | 2.4                                | 21.0                      | 1336                       |
| 1x150                     | 1.4                           | 2.4                                | 22.8                      | 1618                       |
| 1x185                     | 1.6                           | 2.4                                | 25.0                      | 2004                       |
| 1x240                     | 1.7                           | 2.4                                | 27.5                      | 2523                       |

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VAT BE0777.903.079  
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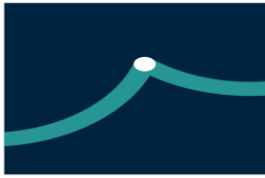
## Interconnective Power

|       |     |     |      |      |
|-------|-----|-----|------|------|
| 1x300 | 1.8 | 2.4 | 30.0 | 3100 |
| 1x400 | 2.0 | 2.4 | 33.1 | 3972 |
| 1x500 | 2.2 | 2.4 | 37.0 | 4980 |
| 1x630 | 2.4 | 2.4 | 41.3 | 6360 |
| 2x1.5 | 0.7 | 1.8 | 9.8  | 129  |
| 2x2.5 | 0.7 | 1.8 | 10.6 | 161  |
| 2x4   | 0.7 | 1.8 | 11.4 | 205  |
| 2x6   | 0.7 | 1.8 | 12.4 | 260  |
| 2x10  | 0.7 | 1.8 | 14.6 | 391  |
| 2x16  | 0.7 | 1.8 | 16.4 | 539  |
| 2x25  | 0.9 | 1.8 | 20.0 | 821  |
| 3g1.5 | 0.7 | 1.8 | 10.2 | 146  |
| 3g2.5 | 0.7 | 1.8 | 11.1 | 188  |
| 3g4   | 0.7 | 1.8 | 12.0 | 246  |
| 3g6   | 0.7 | 1.8 | 13.1 | 320  |
| 3x10  | 0.7 | 1.8 | 15.4 | 487  |
| 3x16  | 0.7 | 1.8 | 17.8 | 702  |
| 3x25  | 0.9 | 1.8 | 21.2 | 1046 |
| 3x35  | 0.9 | 1.8 | 23.8 | 1376 |
| 3x50  | 1.0 | 1.8 | 25.0 | 1585 |
| 3x70  | 1.1 | 1.9 | 28.2 | 2213 |
| 3x95  | 1.1 | 2.0 | 31.4 | 2998 |
| 3x120 | 1.2 | 2.1 | 34.3 | 3731 |
| 3x150 | 1.4 | 2.3 | 38.8 | 4602 |
| 3x185 | 1.6 | 2.4 | 43.2 | 5759 |
| 3x240 | 1.7 | 2.6 | 48.5 | 7432 |
| 4g1.5 | 0.7 | 1.8 | 10.9 | 171  |
| 4g2.5 | 0.7 | 1.8 | 11.9 | 222  |
| 4g4   | 0.7 | 1.8 | 12.9 | 294  |
| 4g6   | 0.7 | 1.8 | 14.1 | 389  |
| 4g10  | 0.7 | 1.8 | 16.7 | 600  |
| 4g16  | 0.7 | 1.8 | 19.3 | 872  |
| 4g25  | 0.9 | 1.8 | 23.2 | 1314 |
| 4g35  | 0.9 | 1.8 | 26.0 | 1729 |
| 4g50  | 1.0 | 1.9 | 28.6 | 2096 |
| 4g70  | 1.1 | 2.0 | 31.7 | 2927 |
| 4g95  | 1.1 | 2.1 | 36.1 | 3976 |
| 4g120 | 1.2 | 2.3 | 40.1 | 4967 |
| 4g150 | 1.4 | 2.4 | 44.9 | 6103 |

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|        |     |     |      |      |
|--------|-----|-----|------|------|
| 4g185  | 1.6 | 2.6 | 49.6 | 7652 |
| 4g240  | 1.7 | 2.8 | 56.1 | 9874 |
| 5g1.5  | 0.7 | 1.8 | 11.8 | 201  |
| 5g2.5  | 0.7 | 1.8 | 12.9 | 265  |
| 5g4    | 0.7 | 1.8 | 14.0 | 355  |
| 5g6    | 0.7 | 1.8 | 15.3 | 466  |
| 5g10   | 0.7 | 1.8 | 18.7 | 754  |
| 5g16   | 0.7 | 1.8 | 21.1 | 1062 |
| 5g25   | 0.9 | 1.8 | 25.5 | 1606 |
| 5g35   | 0.9 | 1.8 | 29.7 | 2197 |
| 5g50   | 1.0 | 2.0 | 34.0 | 3074 |
| 5g70   | 1.1 | 2.1 | 39.4 | 4276 |
| 6g1.5  | 0.7 | 1.8 | 12.6 | 236  |
| 6g2.5  | 0.7 | 1.8 | 13.8 | 312  |
| 7g1.5  | 0.7 | 1.8 | 14.0 | 289  |
| 7g2.5  | 0.7 | 1.8 | 15.2 | 374  |
| 8g1.5  | 0.7 | 1.8 | 15.2 | 333  |
| 8g2.5  | 0.7 | 1.8 | 16.5 | 430  |
| 10g1.5 | 0.7 | 1.8 | 16.3 | 412  |
| 10g2.5 | 0.7 | 1.8 | 18.7 | 550  |
| 12g1.5 | 0.7 | 1.8 | 16.7 | 410  |
| 12g2.5 | 0.7 | 1.8 | 18.2 | 550  |
| 14g1.5 | 0.7 | 1.8 | 17.6 | 455  |
| 14g2.5 | 0.7 | 1.8 | 19.2 | 644  |
| 16g1.5 | 0.7 | 1.8 | 18.4 | 503  |
| 16g2.5 | 0.7 | 1.8 | 19.7 | 692  |
| 19g1.5 | 0.7 | 1.8 | 19.6 | 598  |
| 19g2.5 | 0.7 | 1.8 | 21.5 | 813  |
| 24g1.5 | 0.7 | 1.8 | 21.3 | 744  |
| 24g2.5 | 0.7 | 1.8 | 23.5 | 970  |
| 30g1.5 | 0.7 | 1.8 | 23.1 | 844  |
| 30g2.5 | 0.7 | 1.8 | 25.6 | 1167 |
| 37g1.5 | 0.7 | 1.8 | 25.1 | 1017 |
| 37g2.5 | 0.7 | 1.8 | 27.8 | 1431 |

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