



# Becatech

Interconnective Power



## Flexible control cable (TM-control-Y-JZ)

### Cable Structure :

Conductor: flexible bare copper (class 5).

Insulation: special PVC-based with transparent polyamide skin.

Outer sheath: PVC.

Core identification: are black with consecutive white numbering and green/yellow protective conductor (cores are twisted together).

### Technical Specification :

Rated temperature fixed installation: -40 to 90°C.

Rated temperature flexible installation: -5°C to 90°C.

Rated bending radius: 6 x  $\phi$ .

Flame retardant and self-extinguishing according to IEC 60332-1-2.

### Application :

Can be used for the open, unprotected wiring between cable trays and machineries or industrial equipment.

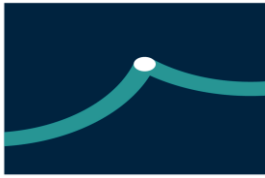
Can be used in dry, damp and wet areas.

| Core<br>x mm <sup>2</sup> | Overall<br>Diameter<br>mm | Cu<br>Weight<br>(kg/km) | Weight<br>(kg/km) |
|---------------------------|---------------------------|-------------------------|-------------------|
| 3g1                       | 29                        | 7.3                     | 83                |
| 4g1                       | 39                        | 7.9                     | 96                |
| 5g1                       | 48                        | 8.5                     | 113               |
| 7g1                       | 67                        | 9.2                     | 144               |
| 12g1                      | 116                       | 12.0                    | 248               |
| 18g1                      | 174                       | 14.6                    | 366               |
| 25g1                      | 240                       | 17.4                    | 464               |

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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|        |     |      |     |
|--------|-----|------|-----|
| 2g1.5  | 29  | 7.5  | 75  |
| 3g1.5  | 43  | 7.9  | 100 |
| 4g1.5  | 58  | 8.6  | 120 |
| 5g1.5  | 72  | 9.3  | 141 |
| 7g1.5  | 102 | 10.2 | 184 |
| 9g1.5  | 130 | 12.6 | 247 |
| 12g1.5 | 173 | 14.0 | 328 |
| 18g1.5 | 259 | 16.1 | 403 |
| 25g1.5 | 360 | 19.2 | 464 |
| 3g2.5  | 72  | 8.8  | 125 |
| 4g2.5  | 96  | 9.5  | 155 |
| 5g2.5  | 120 | 10.5 | 185 |
| 7g2.5  | 168 | 11.4 | 244 |
| 3g4    | 115 | 10.2 | 135 |
| 4g4    | 154 | 11.1 | 220 |
| 5g4    | 192 | 12.1 | 269 |
| 7g4    | 269 | 14.0 | 482 |
| 4g6    | 231 | 14.1 | 382 |
| 5g6    | 288 | 15.4 | 457 |
| 4g10   | 384 | 18.6 | 615 |
| 5g10   | 480 | 20.5 | 771 |
| 4g16   | 615 | 22.4 | 864 |

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