



# Becatech

Interconnective Power



**Instrumentation control cable  
armoured (RE-2X(ST)YSWAY)**

## Cable Structure :

Conductor: copper (class 2).

Insulation: XLPE according to EN50290-2-29.

Screening: collective aluminum mylar including drain wire.

Bedding: PVC.

Armour: steel wire armour.

Outer sheath: PVC RP.

Core identification:

- Pair: black and white numbered.
- Triple: black, white and red numbered.

## Technical Specification :

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

Rated temperature operation: -30°C to 90°C.

Rated bending radius: 12 x  $\phi$ .

Flame retardant according to IEC 60332-3.

## Application :

For transmission of analogue and digital signals in instrument and control systems.

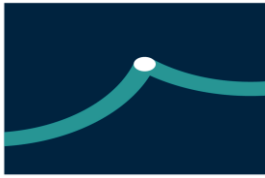
NOT allowed for direct connection to low impedance source (the public mains electrical supply).

| Core x pair<br>x mm <sup>2</sup> | Color | Diameter<br>Over<br>Insulation<br>mm | Diameter<br>Over<br>Armour<br>mm | Overall<br>Diameter<br>mm | Sheath<br>Thickness<br>mm | Weight<br>(kg/km) |
|----------------------------------|-------|--------------------------------------|----------------------------------|---------------------------|---------------------------|-------------------|
| 1x2x0.75                         | BK/BE | 2.0                                  | 8.1                              | 10.7                      | 1.3                       | 196               |
| 1x2x1.3                          | BK/BE | 2.4                                  | 8.7                              | 11.3                      | 1.3                       | 234               |
| 1x2x1.5                          | BK/BE | 2.6                                  | 9.0                              | 11.9                      | 1.3                       | 277               |

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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|          |       |      |      |       |     |      |
|----------|-------|------|------|-------|-----|------|
| 2x2x0.75 | BK    | 2.0  | 10.9 | 13.7  | 1.4 | 290  |
| 2x2x0.75 | BE    | 1.95 | 10.4 | 13.20 | 1.4 | -    |
| 2x2x1.5  | BK/BE | 2.41 | 12.2 | 16.45 | 1.4 | -    |
| 4x2x0.75 | BK    | 2.0  | 12.4 | 15.2  | 1.4 | 362  |
| 4x2x0.75 | BE    | 1.95 | 11.9 | 14.8  | 1.4 | -    |
| 5x2x1.5  | BK/BE | 2.4  | 15.4 | 18.4  | -   | 634  |
| 6x2x1    | BE    | 1.98 | 15.3 | 18.3  | -   | -    |
| 8x2x0.75 | BK    | 2.0  | 16.4 | 19.4  | 1.5 | 528  |
| 8x2x0.75 | BE    | 1.95 | 15.3 | 24.4  | 1.5 | -    |
| 10x2x1.5 | BK/BE | 2.4  | 21.9 | 25.3  | -   | 1172 |
| 1x3x1.3  | BK/BE | 2.4  | 9.0  | 11.6  | 1.3 | 260  |
| 1x3x1.5  | BK/BE | 2.6  | 9.4  | 12.2  | 1.5 | 298  |

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