

## Single core shielded cable with PVC jacket

# BC427C



| Item no. | no. of cores<br>x section<br>n x mm <sup>2</sup> | Diameter<br>Ø<br>mm | Bending<br>radius<br>mm | Copper<br>weight<br>kg/km | Cable<br>weight<br>kg/km |
|----------|--|---------------------|-------------------------|---------------------------|--------------------------|
| 4270106C | 1x6  | 8,00                | 80                      | 78                        | 122                      |
| 4270110C | 1x10   | 9,50                | 95                      | 123                       | 178                      |
| 4270116C | 1x16   | 11,00               | 110                     | 182                       | 273                      |
| 4270125C | 1x25   | 13,00               | 130                     | 268                       | 375                      |
| 4270135C | 1x35   | 14,00               | 140                     | 400                       | 481                      |
| 4270150C | 1x50   | 16,50               | 165                     | 580                       | 660                      |
| 4270170C | 1x70   | 20,00               | 200                     | 765                       | 967                      |
| 4270195C | 1x95   | 22,00               | 220                     | 1010                      | 1264                     |



## BC427C

Speed: 180 m/min  
Acceleration: 10 m/s<sup>2</sup>

Complying with UL for the  
European and USA market

Nominal voltage 1000 V

Resistant to the rays U.V.

Very good oil resistant PVC jacket

### Technical data

|                    |                     |
|--------------------|---------------------|
| Nominal voltage:   | 1000 V              |
| Testing voltage:   | 4000 V              |
| Temperature range: | -30°C to + 80°C     |
| Speed:             | 180 m/min           |
| Acceleration:      | 10 m/s <sup>2</sup> |

#### Burning characteristics:

IEC 60332.1

#### Flame resistance:

IEC 60332.3.24 cat C

#### Oil resistance:

VDE 0472 part 803/B, UL 1581, CEI EN 60811,  
CNOMO E.03.40.150 NFT 46-013

#### Homologation UL:

UL-AWM 80°C 1000V

### Construction

#### Conductor:

High-flexible class 6 complying with  
IEC 60228

#### Insulation:

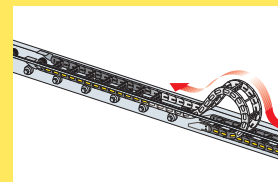
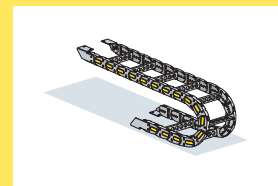
PVC

#### Jacket material:

special compound type PVC, colour black

#### Shielding:

Tinned copper braid: > 85 %



For further information please  
consult Brevetti Stendalto's  
Technical Office