



## CC 600 CY Lean PVC control cable with numbered cores and overall copper screen, AWG 8 - AWG 4



21216 90°C Oil 60°C 600V CSA AWM I/II A/B 90° 600V FT1 FT2 CE

Marking for CC 600 CY Lean 32380804:

SAB BRÖCKSKES · D-VIERSEN · CC 600 CY Lean 8 AWG/4c 32380804 AWM Style 21216 90°C Oil 60°C 600V CSA AWM I/II A/B 90° 600V FT1 FT2 CE

### Construction:

|                         |  |
|-------------------------|--|
| <b>Conductor:</b>       | bare copper strands acc. to UL/CSA   |
| <b>Insulation:</b>      | special PVC acc. to DIN VDE and UL/CSA   |
| <b>Colour code:</b>     | black cores with consecutive numbers acc. to EN 50334;<br>green-yellow earth wire from 3 cores |
| <b>Stranding:</b>       | in layers  |
| <b>Screen:</b>          | tinned copper braiding   |
| <b>Sheath material:</b> | special oil resistant PVC acc. to DIN VDE and UL/CSA   |
| <b>Sheath colour:</b>   | grey (RAL 7000)  |

### Outstanding features:

- UL recognized, CSA approved
- good EMC characteristics
- reduced outer diameter
- small bending radius
- high mechanical loading capacity
- oil resistant
- EAC approval

### Technical data:

|                                       |   |                        |
|---------------------------------------|---|------------------------|
| <b>Nominal voltage:</b>               | <b>DIN VDE</b><br>U <sub>0</sub> /U 300/500 V   | <b>UL/CSA</b><br>600 V |
| <b>Testing voltage U:</b>             | 3000 V acc. to DIN VDE 0281 part 2 + HD 21.2;<br>core/screen 1000 V                                 |                        |
| <b>Min. bending radius</b>            |   |                        |
| <i>fixed laying:</i>                  | 5 x d   |                        |
| <i>flexible application:</i>          | 10 x d  |                        |
| <b>Radiation resistance:</b>          | 5 x 10 <sup>7</sup> cJ/kg   |                        |
| <b>Temperature range</b>              | <b>DIN VDE</b>  | <b>UL/CSA:</b>         |
| <i>fixed laying:</i>                  | -40/+70 °C  | up to +90 °C           |
| <i>flexible application:</i>          | +5/+70 °C   | up to +90 °C           |
| <b>Fire performance:</b>              | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW-1, CSA FT1 + FT2 |                        |
| <b>Oil resistance:</b>                | very good - PVC, TM5 acc. to DIN VDE 0281 part 1 + HD 21.1  |                        |
| <b>Absence of harmful substances:</b> | acc. to RoHS directive of the European Union see page N/17  |                        |

| item no. | no. of cores<br>x cross section<br>n x AWG | largest<br>single wire<br>ø mm | outer-ø<br>± 5%<br>mm | copper<br>figure<br>kg/km | cable<br>weight<br>≈ kg/km |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 32380804 | 4 x 8                                      | 0,41                           | 18,6                  | 508,9                     | 648                        |
| 32380604 | 4 x 6                                      | 0,41                           | 22,8                  | 753,8                     | 946                        |
| 32380404 | 4 x 4                                      | 0,41                           | 27,6                  | 1133,3                    | 1462                       |

Other dimensions and colours are possible on request.