

also available with blue and red conductors and black or orange jacket

FLEXIBLE CONTROL CABLES



CC 600 CP Oil resistant, tear resistant, flexible PUR shielded control cable



A
30

Marking for CC 600 CP 02811825: SAB BRÖCKSKES · D-VIERSEN · 02812510 25 x 1,0 mm² CC 600 CP 18 AWG/25c 02811825 AWM Style 21060 80°C 600V CSA AWM I/II A/B 80°C 600V FT1 FT2 CE

CC 600 CP is a multi-conductor, 600 V, 80°C oil resistant shielded control cable. The specially blended polyurethane jacket provides an excellent chemical and abrasion resistance as well as being tear resistant and halogen free with low flame propagation. The overall tinned copper braid is recommended whenever electrical interference distorts signal transmission, or when EMI emissions need to be suppressed. For use in harsh environments.

Construction:

| | |
|-------------------------|--|
| Conductor: | bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5 |
| Insulation: | PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1 |
| Color code: | black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors |
| Stranding: | in layers |
| Wrapping: | PETP foil |
| Screen: | tinned copper braiding |
| Wrapping: | non-woven tape |
| Jacket material: | PU acc. to UL 758 |
| Jacket color: | gray |

Outstanding features:

- oil resistant
- abrasion resistant
- notch resistant
- good chemical resistance

Technical data:

| | | |
|---------------------------------------|---|-----------------------------|
| Nominal voltage: | DIN VDE U ₀ /U 300/500 V | UL/CSA 600 V |
| Testing voltage U: | 3000 V acc. to DIN VDE 0281 part 2 + HD 21.2 conductor/screen 1000 V | |
| Min. bending radius | | |
| <i>fixed installation:</i> | 5 x O.D. | |
| <i>free movement:</i> | 10 x O.D. | |
| Radiation resistance: | 5 x 10 ⁷ cJ/kg | |
| Temperature range | DIN VDE | UL/CSA: up to +80 °C |
| <i>static:</i> | -40/+70 °C | |
| <i>flexing:</i> | +5/+70 °C | |
| Burning characteristics: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW-1, CSA FT1 and FT2 | |
| Oil resistance: | very good - oil rating 60°C acc. to UL 1581 | |
| Chem. resistance: | good against acids, alkalines, solvents, hydraulic liquids etc. | |
| Absence of harmful substances: | acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25 | |

| item no. | no. of conductors incl. ground | nominal outer-ø inch | nominal outer-ø mm | cable weight ≈ lbs/mft |
|---|--------------------------------|----------------------|--------------------|------------------------|
| ▶ 20 AWG (17/32) • 0.50 mm² | | | | |
| 02812002 | 2 | 0.264 | 6.7 | 42 |
| 02812003 | 3 | 0.276 | 7.0 | 47 |
| 02812004 | 4 | 0.291 | 7.4 | 54 |
| 02812005 | 5 | 0.315 | 8.0 | 64 |
| 02812007 | 7 | 0.335 | 8.5 | 75 |
| 02812009 | 9 | 0.386 | 9.8 | 86 |
| 02812012 | 12 | 0.417 | 10.6 | 112 |
| 02812018 | 18 | 0.488 | 12.4 | 165 |
| 02812025 | 25 | 0.567 | 14.4 | 211 |
| ▶ 19 AWG (23/32) • 0.75 mm² | | | | |
| 02811902 | 2 | 0.283 | 7.2 | 48 |
| 02811903 | 3 | 0.295 | 7.5 | 55 |
| 02811904 | 4 | 0.315 | 8.0 | 64 |
| 02811905 | 5 | 0.339 | 8.6 | 75 |
| 02811907 | 7 | 0.390 | 9.9 | 99 |
| 02811909 | 9 | 0.441 | 11.2 | 120 |
| 02811912 | 12 | 0.465 | 11.8 | 147 |
| 02811918 | 18 | 0.531 | 13.5 | 200 |
| 02811925 | 25 | 0.646 | 16.4 | 278 |

| item no. | no. of conductors incl. ground | nominal outer-ø inch | nominal outer-ø mm | cable weight ≈ lbs/mft |
|--|--------------------------------|----------------------|--------------------|------------------------|
| ▶ 18 AWG (30/32) • 1.00 mm² | | | | |
| 02811802 | 2 | 0.291 | 7.4 | 53 |
| 02811803 | 3 | 0.303 | 7.7 | 61 |
| 02811804 | 4 | 0.327 | 8.3 | 72 |
| 02811805 | 5 | 0.350 | 8.9 | 85 |
| 02811807 | 7 | 0.402 | 10.2 | 113 |
| 02811809 | 9 | 0.457 | 11.6 | 135 |
| 02811812 | 12 | 0.480 | 12.2 | 167 |
| 02811818 | 18 | 0.555 | 14.1 | 233 |
| 02811825 | 25 | 0.669 | 17.0 | 324 |
| ▶ 16 AWG (27-29/30) • 1.50 mm² | | | | |
| 02811603 | 3 | 0.331 | 8.4 | 75 |
| 02811604 | 4 | 0.354 | 9.0 | 89 |
| 02811605 | 5 | 0.382 | 9.7 | 107 |
| 02811607 | 7 | 0.449 | 11.4 | 151 |
| 02811609 | 9 | 0.508 | 12.9 | 173 |
| 02811612 | 12 | 0.531 | 13.5 | 212 |
| 02811618 | 18 | 0.634 | 16.1 | 319 |
| 02811625 | 25 | 0.744 | 18.9 | 421 |

| item no. | no. of conductors incl. ground | nominal outer-ø inch | nominal outer-ø mm | cable weight ≈ lbs/mft |
|---|--------------------------------|----------------------|--------------------|------------------------|
| ▶ 14 AWG (46/30) • 2.50 mm² | | | | |
| 02811403 | 3 | 0.382 | 9.7 | 106 |
| 02811404 | 4 | 0.409 | 10.4 | 127 |
| 02811405 | 5 | 0.453 | 11.5 | 161 |
| 02811407 | 7 | 0.528 | 13.4 | 219 |
| 02811409 | 9 | 0.614 | 15.6 | 265 |
| 02811412 | 12 | 0.650 | 16.5 | 333 |
| 02811418 | 18 | 0.752 | 19.1 | 473 |
| 02811425 | 25 | 0.949 | 24.1 | 667 |
| ▶ 12 AWG (52/28) • 4.00 mm² | | | | |
| 02811203 | 3 | 0.445 | 11.3 | 156 |
| 02811204 | 4 | 0.480 | 12.2 | 189 |
| 02811205 | 5 | 0.524 | 13.3 | 228 |
| ▶ 10 AWG (78/28) • 6.00 mm² | | | | |
| 02811003 | 3 | 0.516 | 13.1 | 217 |
| 02811004 | 4 | 0.559 | 14.2 | 265 |
| 02811005 | 5 | 0.618 | 15.7 | 335 |
| ▶ 8 AWG (77/26) • 10.00 mm² | | | | |
| 02810804 | 4 | 0.748 | 19.0 | 465 |

Other dimensions and colors are possible on request.



Drain Wire available upon request!

E-mail: info@sabcable.com



Web site: www.sabcable.com