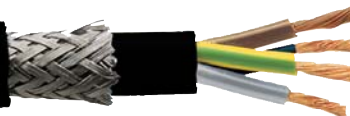


FLEXIBLE SPECIALITY CABLES



DR 718 CP Highflex PUR shielded reeling cable

SABSKES · D-VIERSEN · DR 718 CP Highflex 4 x 2,5 mm² CE



Marking for DR 718 CP Highflex 07180425:
SAB BRÖCKSKES · D-VIERSEN · DR 718 CP Highflex 4 x 2,5 mm² CE

The DR 718 CP Highflex is used for spring cable reels on stages for example in theaters as well as control cable in crane arms.

Construction:

| | |
|-------------------------|---|
| Conductor: | bare copper strands acc. to IEC 60228 EN 60228, VDE 0295, class 5 |
| Insulation: | special polymer |
| Color code: | colored acc. to HD 308 (VDE 0293 part 308); from 6 conductors black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors |
| Stranding: | specially adjusted layering |
| Inner jacket: | PUR |
| Screen: | tinned copper braiding |
| Jacket material: | PUR |
| Jacket color: | black |

Outstanding features:

- good winding and unwinding strength
- small cable weight
- good EMC characteristics

Also possible
without
inner jacket!



Technical data:

| | |
|--|--|
| Nominal voltage: | U ₀ /U 300/500 V |
| Testing voltage: | 2000 V |
| Current-carrying capacity: | acc. to DIN VDE 0298-4, see page N/18 + 19 |
| Min. bending radius: | |
| <i>for laying and installation</i> <i>(fixed laying):</i> | 5 x O.D. |
| <i>for repeated winding action</i> <i>(flexible):</i> | 7,5 x O.D. |
| <i>guided on deflection</i> <i>pulleys: (flexible):</i> | 10 x O.D. |
| Temperature range: | |
| <i>fixed laying:</i> | -50/+90 °C |
| <i>flexible:</i> | -40/+90 °C |
| Zero halogen: | acc. to DIN VDE 0472 part 815 and IEC 60754-1 |
| Burning characteristics: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 und EN 60332-1-2 |
| Oil resistance: | very good - TMPU acc. mto DIN VDE 0282 part 10 + HD 22.10 |
| Chemical resistance: | very good against acids, alkaline solutions, solvents and hydraulic liquids, etc. |
| Sunlight resistance: | very good - enhanced due to black jacket color |
| Tensile strength: | acc. to DIN VDE 0298-3 section 7.1 |
| Mechanical characteristics: | the main mechanical characteristics accomplished by the PUR outer jacket are: - high tensile strength - high tear strength - high abrasion resistance - high notch resistance |
| Absence of harmful substances: | acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/28 |

| item no. | dimensions | max. outer-ø ± 5% | cable weight ≈ lbs/mft | tensile strength max. N | min breaking load of suspension unit N |
|------------|--------------|----------------------|---------------------------|----------------------------|---|
| | | inch | mm | | |
| ▶ 07182005 | 20 AWG / 20c | 0.504 | 12.8 | 173 | 150 |
| ▶ 07182505 | 20 AWG / 25c | 0.587 | 14.9 | 222 | 187 |
| ▶ 07182507 | 19 AWG / 25c | 0.665 | 16.9 | 297 | 281 |
| ▶ 07180410 | 18 AWG / 4c | 0.315 | 8.0 | 69 | 60 |
| ▶ 07181210 | 18 AWG / 12c | 0.591 | 15.0 | 213 | 180 |
| ▶ 07181810 | 18 AWG / 18c | 0.571 | 14.5 | 234 | 270 |
| ▶ 07182510 | 18 AWG / 25c | 0.701 | 17.8 | 351 | 375 |
| ▶ 07182610 | 18 AWG / 26c | 0.701 | 17.8 | 358 | 390 |
| ▶ 07180415 | 16 AWG / 4c | 0.350 | 8.9 | 89 | 90 |
| ▶ 07180515 | 16 AWG / 5c | 0.402 | 10.2 | 118 | 112 |
| ▶ 07180715 | 16 AWG / 7c | 0.469 | 11.9 | 159 | 157 |

| item no. | dimensions | max. outer-ø ± 5% | cable weight ≈ lbs/mft | tensile strength max. N | min breaking load of suspension unit N |
|------------|--------------|----------------------|---------------------------|----------------------------|---|
| | | inch | mm | | |
| ▶ 07181215 | 16 AWG / 12c | 0.665 | 16.9 | 282 | 270 |
| ▶ 07181415 | 16 AWG / 14c | 0.642 | 16.3 | 295 | 315 |
| ▶ 07181615 | 16 AWG / 16c | 0.642 | 16.3 | 303 | 360 |
| ▶ 07181815 | 16 AWG / 18c | 0.646 | 16.4 | 325 | 405 |
| ▶ 07182415 | 16 AWG / 24c | 0.717 | 18.2 | 415 | 540 |
| ▶ 07183015 | 16 AWG / 30c | 0.921 | 23.4 | 565 | 675 |
| ▶ 07183715 | 16 AWG / 37c | 0.874 | 22.2 | 600 | 832 |
| ▶ 07180425 | 14 AWG / 4c | 0.425 | 10.8 | 135 | 150 |
| ▶ 07180525 | 14 AWG / 5c | 0.469 | 11.9 | 167 | 187 |
| ▶ 07180725 | 14 AWG / 7c | 0.539 | 13.7 | 223 | 262 |
| ▶ 07181225 | 14 AWG / 12c | 0.783 | 19.9 | 410 | 450 |

Continued on next page

Note: Please pay attention to the installation instructions on page N/11

E-mail: info@sabcable.com



Web site: www.sabcable.com

FLEXIBLE SPECIALITY CABLES

DR 718 CP Highflex PUR shielded reeling cable



Marking for DR 718 CP Highflex 07180425:
SAB BRÖCKSKES · D-VIERSEN · DR 718 CP Highflex 4 x 2,5 mm² CE

The DR 718 CP Highflex is used for spring cable reels on stages for example in theaters as well as control cable in crane arms.

Construction:

| | |
|-------------------------|---|
| Conductor: | bare copper strands acc. to IEC 60228 EN 60228, VDE 0295, class 5 |
| Insulation: | special polymer |
| Color code: | colored acc. to HD 308 (VDE 0293 part 308); from 6 conductors black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors |
| Stranding: | specially adjusted layering |
| Inner jacket: | PUR |
| Screen: | tinned copper braiding |
| Jacket material: | PUR |
| Jacket color: | black |

Outstanding features:

- good winding and unwinding strength
- small cable weight
- good EMC characteristics

Also possible
without
inner jacket!



Technical data:

| | |
|--|--|
| Nominal voltage: | U ₀ /U 300/500 V |
| Testing voltage: | 2000 V |
| Current-carrying capacity: | acc. to DIN VDE 0298-4, see page N/18 + 19 |
| Min. bending radius: | |
| <i>for laying and installation</i> <i>(fixed laying):</i> | 5 x O.D. |
| <i>for repeated winding action</i> <i>(flexible):</i> | 7,5 x O.D. |
| <i>guided on deflection</i> <i>pulleys: (flexible):</i> | 10 x O.D. |
| Temperature range: | |
| <i>fixed laying:</i> | -50/+90 °C |
| <i>flexible:</i> | -40/+90 °C |
| Zero halogen: | acc. to DIN VDE 0472 part 815 and IEC 60754-1 |
| Burning characteristics: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 und EN 60332-1-2 |
| Oil resistance: | very good - TMPU acc. mto DIN VDE 0282 part 10 + HD 22.10 |
| Chemical resistance: | very good against acids, alkaline solutions, solvents and hydraulic liquids, etc. |
| Sunlight resistance: | very good - enhanced due to black jacket color |
| Tensile strength: | acc. to DIN VDE 0298-3 section 7.1 |
| Mechanical characteristics: | the main mechanical characteristics accomplished by the PUR outer jacket are: - high tensile strength - high tear strength - high abrasion resistance - high notch resistance |
| Absence of harmful substances: | acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/28 |

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| item no. | dimensions | max. outer-ø ± 5% | max. outer-ø mm | cable weight ≈ lbs/mft | tensile strength max. N | min breaking load of suspension unit N |
|------------|--------------|----------------------|--------------------|------------------------------|-------------------------------|--|
| ▶ 07181825 | 14 AWG / 18c | 0.768 | 19.5 | 476 | 675 | 3450 |
| ▶ 07182425 | 14 AWG / 24c | 0.929 | 23.6 | 638 | 900 | 2600 |
| ▶ 07183025 | 14 AWG / 30c | 1.055 | 26.8 | 798 | 1125 | 4200 |
| ▶ 07183625 | 14 AWG / 36c | 1.028 | 26.1 | 860 | 1350 | 5000 |
| ▶ 07184825 | 14 AWG / 48c | 1.209 | 30.7 | 1160 | 1800 | 6500 |
| ▶ 07185625 | 14 AWG / 56c | 1.283 | 32.6 | 1283 | 2100 | 7900 |
| ▶ 07180440 | 12 AWG / 4c | 0.484 | 12.3 | 191 | 240 | 1690 |
| ▶ 07180540 | 12 AWG / 5c | 0.539 | 13.7 | 233 | 300 | 2200 |
| ▶ 07180740 | 12 AWG / 7c | 0.642 | 16.3 | 336 | 420 | 2600 |
| ▶ 07180460 | 10 AWG / 4c | 0.539 | 13.7 | 261 | 360 | 1860 |
| ▶ 07180560 | 10 AWG / 5c | 0.618 | 15.7 | 331 | 450 | 2300 |

| item no. | dimensions | max. outer-ø ± 5% | max. outer-ø mm | cable weight ≈ lbs/mft | tensile strength max. N | min breaking load of suspension unit N |
|------------|-------------|----------------------|--------------------|------------------------------|-------------------------------|--|
| ▶ 07180760 | 10 AWG / 7c | 0.744 | 18.9 | 464 | 630 | 2600 |
| ▶ 07180470 | 8 AWG / 4c | 0.713 | 18.1 | 441 | 600 | 2900 |
| ▶ 07180570 | 8 AWG / 5c | 0.799 | 20.3 | 543 | 750 | 3000 |
| ▶ 07180480 | 6 AWG / 4c | 0.878 | 22.3 | 662 | 960 | 2800 |
| ▶ 07180580 | 6 AWG / 5c | 0.980 | 24.9 | 811 | 1200 | 3000 |
| ▶ 07180490 | 4 AWG / 4c | 1.063 | 27.0 | 972 | 1500 | 3300 |
| ▶ 07180495 | 2 AWG / 4c | 1.213 | 30.8 | 1324 | 2100 | 3300 |
| ▶ 07180496 | 1 AWG / 4c | 1.390 | 35.3 | 1855 | 3000 | 3800 |

Other dimensions and colors are possible on request.

Please mention the required winding length when placing the order.

Note: Please pay attention to the installation instructions on page N/11

E-mail: info@sabcable.com



Web site: www.sabcable.com

FLEXIBLE SPECIALTY CABLES

DR 718 CP Highflex PUR shielded reeling cable



Marking for DR 718 CP Highflex 07180425:
SAB BRÖCKSKES · D-VIERSEN · DR 718 CP Highflex 4 x 2,5 mm² CE

The DR 718 CP Highflex is used for spring cable reels on stages for example in theaters as well as control cable in crane arms.

Construction:

| | |
|-------------------------|---|
| Conductor: | bare copper strands acc. to IEC 60228 EN 60228, VDE 0295, class 5 |
| Insulation: | special polymer |
| Color code: | colored acc. to HD 308 (VDE 0293 part 308); from 6 conductors black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors |
| Stranding: | specially adjusted layering |
| Inner jacket: | PUR |
| Screen: | tinned copper braiding |
| Jacket material: | PUR |
| Jacket color: | black |

Outstanding features:

- good winding and unwinding strength
- small cable weight
- good EMC characteristics



Also possible without inner jacket!

Technical data:

| | |
|--|---|
| Nominal voltage: | U ₀ /U 300/500 V |
| Testing voltage: | 2000 V |
| Current-carrying capacity: | acc. to DIN VDE 0298-4, see page N/18 + 19 |
| Min. bending radius: | |
| <i>for laying and installation (fixed laying):</i> | 5 x O.D. |
| <i>for repeated winding action (flexible):</i> | 7,5 x O.D. |
| <i>guided on deflection pulleys: (flexible):</i> | 10 x O.D. |
| Temperature range: | |
| <i>fixed laying:</i> | -50/+90 °C |
| <i>flexible:</i> | -40/+90 °C |
| Zero halogen: | acc. to DIN VDE 0472 part 815 and IEC 60754-1 |
| Burning characteristics: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 und EN 60332-1-2 |
| Oil resistance: | very good - TMPU acc. mto DIN VDE 0282 part 10 + HD 22.10 |
| Chemical resistance: | very good against acids, alkaline solutions, solvents and hydraulic liquids, etc. |
| Sunlight resistance: | very good - enhanced due to black jacket color |
| Tensile strength: | acc. to DIN VDE 0298-3 section 7.1 |
| Mechanical characteristics: | the main mechanical characteristics accomplished by the PUR outer jacket are: - high tensile strength - high tear strength - high abrasion resistance - high notch resistance |
| Absence of harmful substances: | acc. to RoHS directive of the European Union see page N/28 |

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| item no. | dimensions | max. outer-ø ± 5% | | cable weight ≈ lbs/mft | tensile strength max. N | min breaking load of suspension unit N |
|------------|------------------------|-------------------|------|------------------------|-------------------------|--|
| | | inch | mm | | | |
| ➤ 07181825 | 14 AWG (≈ 46/30) / 18c | 0.768 | 19.5 | 476 | 675 | 3450 |
| ➤ 07182425 | 14 AWG (≈ 46/30) / 24c | 0.929 | 23.6 | 638 | 900 | 2600 |
| ➤ 07183025 | 14 AWG (≈ 46/30) / 30c | 1.055 | 26.8 | 798 | 1125 | 4200 |
| ➤ 07183625 | 14 AWG (≈ 46/30) / 36c | 1.028 | 26.1 | 860 | 1350 | 5000 |
| ➤ 07184825 | 14 AWG (≈ 46/30) / 48c | 1.209 | 30.7 | 1160 | 1800 | 6500 |
| ➤ 07185625 | 14 AWG (≈ 46/30) / 56c | 1.283 | 32.6 | 1283 | 2100 | 7900 |
| ➤ 07180440 | 12 AWG (≈ 52/28) / 4c | 0.484 | 12.3 | 191 | 240 | 1690 |
| ➤ 07180540 | 12 AWG (≈ 52/28) / 5c | 0.539 | 13.7 | 233 | 300 | 2200 |
| ➤ 07180740 | 12 AWG (≈ 52/28) / 7c | 0.642 | 16.3 | 336 | 420 | 2600 |
| ➤ 07180460 | 10 AWG (≈ 78/28) / 4c | 0.539 | 13.7 | 261 | 360 | 1860 |
| ➤ 07180560 | 10 AWG (≈ 78/28) / 5c | 0.618 | 15.7 | 331 | 450 | 2300 |

| item no. | dimensions | max. outer-ø ± 5% | | cable weight ≈ lbs/mft | tensile strength max. N | min breaking load of suspension unit N |
|------------|-----------------------|-------------------|------|------------------------|-------------------------|--|
| | | inch | mm | | | |
| ➤ 07180760 | 10 AWG (≈ 78/28) / 7c | 0.744 | 18.9 | 464 | 630 | 2600 |
| ➤ 07180470 | 8 AWG (≈ 77/26) / 4c | 0.713 | 18.1 | 441 | 600 | 2900 |
| ➤ 07180570 | 8 AWG (≈ 77/26) / 5c | 0.799 | 20.3 | 543 | 750 | 3000 |
| ➤ 07180480 | 6 AWG (≈ 122/26) / 4c | 0.878 | 22.3 | 662 | 960 | 2800 |
| ➤ 07180580 | 6 AWG (≈ 122/26) / 5c | 0.980 | 24.9 | 811 | 1200 | 3000 |
| ➤ 07180490 | 4 AWG (≈ 190/26) / 4c | 1.063 | 27.0 | 972 | 1500 | 3300 |
| ➤ 07180495 | 2 AWG (≈ 272/26) / 4c | 1.213 | 30.8 | 1324 | 2100 | 3300 |
| ➤ 07180496 | 1 AWG (≈ 400/26) / 4c | 1.390 | 35.3 | 1855 | 3000 | 3800 |

Other dimensions and colors are possible on request.

Please mention the required winding length when placing the order.

Note: Please pay attention to the installation instructions on page N/11

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