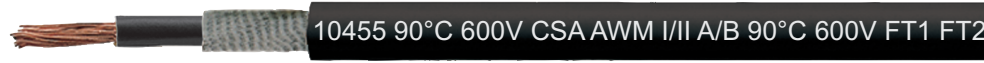


CONTINUOUS FLEX CABLES

also available with green-yellow insulation and gray jacket



S 900 Continuous flex oil resistant power supply cable for small bend radius applications



Marking for S 900 07671362:

SAB BRÖCKSKES · D-VIERSEN · 07671362 16.0 mm² S 900 6 AWG AWM Style 10455 90°C 600V CSA AWM I/II A/B 90°C 600V FT1 FT2

S 900 is an ultra flexible 600 V, UL recognized, CSA approved cable designed for power applications. The design incorporates the IEC 60228 class 6 super fine wire stranding which provides excellent flexibility. The specially blended PVC jacket passes the stringent VDE test 0281 part 1 and HD 21.1 oil test providing the best oil resistance available for a PVC jacket. Recommended applications are power supply cables for spindle motor, cable handling systems requiring power cable, and interconnect wire from power supply to the machine.

B
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Construction:

| | |
|-------------------------|--|
| Conductor: | bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 6 |
| Insulation: | PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1 |
| Wrapping: | non-woven tape |
| Jacket material: | PVC, TM5 acc. to DIN VDE 0281 part 1 + HD 21.1 |
| Jacket color: | black |

Outstanding features:

- highly flexible single conductor for use in cable tracks
- UV resistant jacket

Technical data:

| | | |
|--|---|---------------------|
| Nominal voltage: | DIN VDE: Uo/U 0.6/1 kV | |
| Voltage: | UL/CSA: 600 V | |
| Min. bending radius continuous flexing: | 7.5 x O.D. | |
| Radiation resistance: | 8 x 10 ⁷ cJ/kg | |
| Temperature range static: | DIN VDE: -40/+70°C | UL/CSA: up to +90°C |
| flexing: | +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 - PVC TM5 acc. to DIN VDE 0281 part 1 + HD 21.1 | |
| Absence of harmful substances: | acc. to RoHS directive of the European Union see page O/29 | |

Color of insulation: ➤ black

| item no. | no. of conductors x cross section n x mm ² | AWG/MCM | outer-ø ± 5% inch | outer-ø ± 5% mm | cable weight ≈ lbs/mt | ampere at 30°C |
|-----------|---|---------------------|-------------------|-----------------|-----------------------|----------------|
| 07671315 | 1 x 1.50 | 16 (≈ 84/34) | 0.193 | 4.9 | 26 | 24 |
| 07671325 | 1 x 2.50 | 14 (≈ 140/34) | 0.228 | 5.8 | 37 | 32 |
| 07671340 | 1 x 4.00 | 12 (≈ 224/34) | 0.260 | 6.6 | 52 | 42 |
| 07671360 | 1 x 6.00 | 10 (≈ 186/32) | 0.287 | 7.3 | 70 | 54 |
| 07671361 | 1 x 10.00 | 8 (≈ 320/32) | 0.358 | 9.1 | 108 | 73 |
| 07671362 | 1 x 16.00 | 6 (≈ 504/32) | 0.398 | 10.1 | 155 | 98 |
| 07671363 | 1 x 25.00 | 4 (≈ 760/32) | 0.472 | 12.0 | 226 | 129 |
| 07671364 | 1 x 35.00 | 2 (≈ 1083/32) | 0.539 | 13.7 | 305 | 158 |
| 07671365 | 1 x 50.00 | 1 (≈ 703/28) | 0.622 | 15.8 | 425 | 198 |
| 07671385 | 1 x 54.00 | 1/0 (≈ 779/28) | 0.642 | 16.3 | 455 | 213 |
| 07671386 | 1 x 68.00 | 2/0 (≈ 969/28) | 0.673 | 17.1 | 530 | 226 |
| 07671366 | 1 x 70.00 | 2/0 (≈ 988/28) | 0.681 | 17.3 | 540 | 245 |
| 07671387 | 1 x 86.00 | 3/0 (≈ 1218/28) | 0.776 | 19.7 | 696 | 263 |
| 07671367 | 1 x 95.00 | 3/0 (≈ 1340/28) | 0.827 | 21.0 | 770 | 292 |
| 07671388 | 1 x 108.00 | 4/0 (≈ 1528/28) | 0.886 | 22.5 | 864 | 313 |
| 07671368 | 1 x 120.00 | 4/0 (≈ 1680/28) | 0.898 | 22.8 | 942 | 344 |
| 07671389 | 1 x 127.00 | 250 MCM (≈ 1799/28) | 0.917 | 23.3 | 1001 | 370 |
| 07671369 | 1 x 150.00 | 250 MCM (≈ 2122/28) | 0.969 | 24.6 | 1158 | 391 |
| 07671390 | 1 x 152.00 | 300 MCM (≈ 2154/28) | 0.969 | 24.6 | 1158 | 396 |
| 07671391 | 1 x 177.00 | 350 MCM (≈ 1443/26) | 1.051 | 26.7 | 1378 | 430 |
| 07671370 | 1 x 185.00 | 350 MCM (≈ 1472/26) | 1.051 | 26.7 | 1401 | 448 |
| 07671392 | 1 x 204.00 | 400 MCM (≈ 1628/26) | 1.197 | 30.4 | 1620 | 470 |
| 07671393 | 1 x 232.00 | 450 MCM (≈ 1850/26) | 1.240 | 31.5 | 1809 | 490 |
| 07671371 | 1 x 240.00 | 450 MCM (≈ 1910/26) | 1.240 | 31.5 | 1856 | 528 |
| 07671394 | 1 x 255.00 | 500 MCM (≈ 2035/26) | 1.252 | 31.8 | 1962 | 535 |
| 07671395 | 1 x 283.00 | 550 MCM (≈ 2257/26) | 1.323 | 33.6 | 2284 | 560 |
| 07671372* | 1 x 300.00 | 550 MCM (≈ 2388/26) | 1.350 | 34.3 | 2286 | 608 |
| 07671396* | 1 x 306.00 | 600 MCM (≈ 2442/26) | 1.350 | 34.3 | 2329 | 613 |

*from 283 mm² only UL recognition.

Other dimensions and colors are possible on request.

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Web site: www.sabcable.com