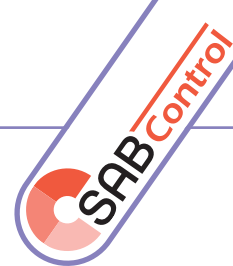


European Standardized Cables

H07RN-F

Heavy duty neoprene jacketed harmonized cordage 450/750 V



HAR CE RoHS

Construction:

| | |
|------------------|---|
| Conductor: | bare copper strands acc. to IEC 60228, EN 60228, class 5 |
| Insulation: | synthetic rubber, Type E14 |
| Color code: | acc. to HD 308, see page O/26 |
| Stranding: | from 2 conductors stranded in layers |
| Jacket material: | synthetic rubber, EM2 |
| Jacket color: | black |

Technical data:

| | |
|--------------------------------|---|
| Nominal voltage: | Uo/U 450/750 V |
| Testing voltage: | 2500 V |
| Min. bending radius: | 6 x O.D. |
| Temperature range: | -25/+60°C |
| Approvals: | HAR, CE, RoHS |
| Absence of harmful substances: | acc. to RoHS directive of the European Union see page O/30 |

Outstanding features:

- harmonized to European standards
- high mechanical loading capacity
- UV resistant

| item no. | no. of conductors incl. ground | nominal outer-ø inch | mm | cable weight ≈lbs/mft |
|--|--------------------------------------|-------------------------|------|-----------------------------|
| ► 18 AWG (≈ 30/32) ▪ 1.00 mm ² | | | | |
| 39550210 | 2 | 0.295 | 7.5 | 54 |
| 39550310 | 3 | 0.327 | 8.3 | 64 |
| 39550410 | 4 | 0.354 | 9.0 | 81 |
| 39550510 | 5 | 0.386 | 9.8 | 97 |
| ► 16 AWG (≈ 27-29/30) ▪ 1.50 mm ² | | | | |
| 39550215 | 2 | 0.327 | 8.3 | 67 |
| 39550315 | 3 | 0.362 | 9.2 | 84 |
| 39550415 | 4 | 0.406 | 10.3 | 108 |
| 39550515 | 5 | 0.437 | 11.1 | 128 |
| ► 14 AWG (≈ 46/30) ▪ 2.50 mm ² | | | | |
| 39550225 | 2 | 0.386 | 9.8 | 97 |
| 39550325 | 3 | 0.429 | 10.9 | 124 |
| 39550425 | 4 | 0.469 | 11.9 | 155 |
| 39550525 | 5 | 0.520 | 13.2 | 188 |
| ► 12 AWG (≈ 52/28) ▪ 4.00 mm ² | | | | |
| 39550240 | 2 | 0.429 | 10.9 | 131 |
| 39550340 | 3 | 0.488 | 12.4 | 175 |
| 39550440 | 4 | 0.543 | 13.8 | 215 |
| 39550540 | 5 | 0.602 | 15.3 | 269 |
| ► 10 AWG (≈ 78/28) ▪ 6.00 mm ² | | | | |
| 39550160 | 1 | 0.323 | 8.2 | 74 |
| 39550260 | 2 | 0.488 | 12.4 | 178 |
| 39550360 | 3 | 0.567 | 14.4 | 235 |
| 39550460 | 4 | 0.614 | 15.6 | 292 |
| 39550560 | 5 | 0.697 | 17.7 | 366 |

| item no. | no. of conductors incl. ground | nominal outer-ø inch | mm | cable weight ≈lbs/mft |
|--|--------------------------------------|-------------------------|------|-----------------------------|
| ► 8 AWG (≈ 77/26) ▪ 10.00 mm ² | | | | |
| 39550161 | 1 | 0.394 | 10.0 | 114 |
| 39550261 | 2 | 0.689 | 17.5 | 326 |
| 39550361 | 3 | 0.764 | 19.4 | 420 |
| 39550461 | 4 | 0.843 | 21.4 | 517 |
| 39550561 | 5 | 0.933 | 23.7 | 635 |
| ► 6 AWG (≈ 122/26) ▪ 16.00 mm ² | | | | |
| 39550162 | 1 | 0.441 | 11.2 | 158 |
| 39550262 | 2 | 0.768 | 19.5 | 437 |
| 39550362 | 3 | 0.858 | 21.8 | 575 |
| 39550462 | 4 | 0.957 | 24.3 | 722 |
| 39550562 | 5 | 1.059 | 26.9 | 887 |
| ► 4 AWG (≈ 190/26) ▪ 25.00 mm ² | | | | |
| 39550163 | 1 | 0.520 | 13.2 | 235 |
| 39550263 | 2 | 0.976 | 24.8 | 679 |
| 39550363 | 3 | 1.024 | 26.0 | 843 |
| 39550463 | 4 | 1.161 | 29.5 | 1089 |
| 39550563 | 5 | 1.295 | 32.9 | 1341 |
| ► 2 AWG (≈ 272/26) ▪ 35.00 mm ² | | | | |
| 39550164 | 1 | 0.579 | 14.7 | 312 |
| 39550364 | 3 | 1.150 | 29.2 | 1112 |
| 39550464 | 4 | 1.280 | 32.5 | 1415 |
| ► 1 AWG (≈ 400/26) ▪ 50.00 mm ² | | | | |
| 39550165 | 1 | 0.669 | 17.0 | 423 |
| 39550365 | 3 | 1.319 | 33.5 | 1502 |
| 39550465 | 4 | 1.472 | 37.4 | 1932 |

| item no. | no. of conductors incl. ground | nominal outer-ø inch | mm | cable weight ≈lbs/mft |
|--|--------------------------------------|-------------------------|------|-----------------------------|
| ► 2/0 AWG (≈ 543/26) ▪ 70.00 mm ² | | | | |
| 39550166 | 1 | 0.744 | 18.9 | 564 |
| 39550366 | 3 | 1.469 | 37.3 | 1996 |
| 39550466 | 4 | 1.646 | 41.8 | 2570 |
| ► 3/0 AWG (≈ 484/24) ▪ 95.00 mm ² | | | | |
| 39550167 | 1 | 0.843 | 21.4 | 739 |
| 39550367 | 3 | 1.732 | 44.0 | 2644 |
| 39550467 | 4 | 1.866 | 47.4 | 3347 |
| ► 4/0 AWG (≈ 589/24) ▪ 120.00 mm ² | | | | |
| 39550168 | 1 | 0.933 | 23.7 | 921 |
| ► 250 MCM (≈ 740/24) ▪ 150.00 mm ² | | | | |
| 39550169 | 1 | 1.016 | 25.8 | 1132 |
| ► 350 MCM (≈ 902/24) ▪ 185.00 mm ² | | | | |
| 39550170 | 1 | 1.106 | 28.1 | 1371 |
| ► 450 MCM (≈ 1220/24) ▪ 240.00 mm ² | | | | |
| 39550171 | 1 | 1.232 | 31.3 | 1757 |
| ► 550 MCM (≈ 1525/24) ▪ 300.00 mm ² | | | | |
| 39550172 | 1 | 1.358 | 34.5 | 2201 |

Other dimensions and colors are available on request