

Power cable < 1 kV, for flexible applications Bouwflex H07RN-F



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|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Application | : Flexible neoprene cable for use in industrial environments. Suitable for heavy duty applications. |
| TECHNICAL DATA | : TYPE H07RN-F |
| Remarks | : UV and ozon resistant. Good oil resistant. Bending radius acc. to VDE 0298 part 3. |
| Conductor material | : Copper, bare |
| Stranding element | : No |
| Conductor category | : Class 5 = flexible |
| Core insulation material | : Rubber - ethylene propylene rubber (EPR) |
| Suspension element | : None |
| Inner sheath | : No |
| Screen over stranding element | : None |
| Screen | : No |
| Screen over stranding | : None |
| Model | : Round |
| Colour outer sheath | : Black |
| Material outer sheath | : Rubber - polychloroprene (CR) |
| Flame retardant | : No |
| Halogen free (acc. EN 60754-1/2) | : No |
| Oil resistant (acc. EN 60811-404) | : No |
| Low smoke (acc. BS EN 61034-2) | : No |
| Low temperature resistant (acc. EN 60811-504+505+506) | : Yes |
| Permitted cable outer temperature during assembling/handling | : -30°C to 60°C |
| Permitted cable outer temperature after assembling without vibration | : -40°C to 60°C |
| Max. conductor temperature | : 60°C |
| Nominal voltage U0 | : 450V |
| Core protecton | : No |
| Nominal voltage U | : 750V |
| Reaction-to-fire class according to EN 13501-6 | : Eca |
| Conductor surface | : Bare |
| Specification core insulation | : Rubber - ethylene propylene rubber (EPR) : Yes |
| Specification material outer sheath | : Polychloroprene (PCP) : Round |
| Shape of conductor | : Round |

| ProductNr | Dimension | Protective conductor | Core identification | Outer diameter approx. (mm) | (Ohm/km) |
|-----------|-----------|----------------------|---------------------|-----------------------------|----------|
| 0134102 | 2 x 1 | No | Colour | 10 | 19.5 |
| 0134103 | 3 x 1 | Yes | Colour | 10.7 | 19.5 |
| 0134104 | 4 x 1 | Yes | Colour | 11.9 | 19.5 |
| 0134118 | 18 x 1 | Yes | Numbers | 20.5 | 19.5 |
| 0134202 | 2 x 1.5 | No | Colour | 11 | 13.3 |
| 0134203 | 3 x 1.5 | Yes | Colour | 11.9 | 13.3 |
| 0134204 | 4 x 1.5 | Yes | Colour | 13.1 | 13.3 |
| 0134205 | 5 x 1.5 | Yes | Colour | 14.4 | 13.3 |
| 0134207 | 7 x 1.5 | Yes | Numbers | 17.5 | 13.3 |
| 0134212 | 12 x 1.5 | Yes | Numbers | 22.4 | 13.3 |
| 0134219 | 19 x 1.5 | Yes | Numbers | 26.3 | 13.3 |
| 0134220 | 24 x 1.5 | Yes | Numbers | 28 | 13.3 |
| 0135211 | 1 x 2.5 | No | Colour | 7.9 | 7.98 |
| 0134302 | 2 x 2.5 | No | Colour | 13.1 | 7.98 |
| 0134303 | 3 x 2.5 | Yes | Colour | 14 | 7.98 |
| 0134304 | 4 x 2.5 | Yes | Colour | 15.5 | 7.98 |
| 0134305 | 5 x 2.5 | Yes | Colour | 17 | 7.98 |
| 0134307 | 7 x 2.5 | Yes | Numbers | 20 | 7.98 |
| 0134631 | 12 x 2.5 | Yes | Numbers | 26.2 | 7.98 |
| 0134221 | 19 x 2.5 | Yes | Numbers | 31 | 7.98 |
| 0134632 | 24 x 2.5 | Yes | Numbers | 36.4 | 7.98 |
| 0134402 | 2 x 4 | No | Colour | 15.1 | 4.95 |
| 0134403 | 3 x 4 | No | Colour | 16.2 | 4.95 |
| 0134404 | 4 x 4 | Yes | Colour | 17.9 | 4.95 |
| 0134405 | 5 x 4 | Yes | Colour | 19.9 | 4.95 |
| 0135213 | 1 x 6 | No | Colour | 9.8 | 3.3 |
| 0134105 | 2 x 6 | Yes | Colour | 16.8 | 3.3 |
| 0134503 | 3 x 6 | Yes | Colour | 18 | 3.3 |
| 0134504 | 4 x 6 | Yes | Colour | 20 | 3.3 |
| 0134505 | 5 x 6 | Yes | Colour | 22.2 | 3.3 |
| 0134580 | 1 x 10 | No | Colour | 11.9 | 1.91 |
| 0134603 | 3 x 10 | Yes | Colour | 24.2 | 1.91 |
| 0134604 | 4 x 10 | Yes | Colour | 26.5 | 1.91 |
| 0134605 | 5 x 10 | Yes | Colour | 29.1 | 1.91 |
| 0134208 | 1 x 16 | No | Colour | 13.4 | 1.21 |
| 0134606 | 2 x 16 | No | Colour | 25.7 | 1.21 |
| 0134607 | 3 x 16 | Yes | Colour | 27.6 | 1.21 |
| 0134608 | 4 x 16 | Yes | Colour | 30.1 | 1.21 |
| 0134612 | 5 x 16 | Yes | Colour | 33.3 | 1.21 |

| ProductNr | Dimension | Protective conductor | Core identification | Outer diameter approx. (mm) | (Ohm/km) |
|-----------|-----------|----------------------|---------------------|-----------------------------|----------|
| 0134600 | 1 x 25 | No | Colour | 15.8 | 0.78 |
| 0134506 | 3 x 25 | Yes | Colour | 33 | 0.78 |
| 0134508 | 4 x 25 | Yes | Colour | 36.6 | 0.78 |
| 0134507 | 5 x 25 | Yes | Colour | 40.4 | 0.78 |
| 0134210 | 1 x 35 | No | Colour | 17.9 | 0.554 |
| 0134610 | 4 x 35 | Yes | Colour | 41.1 | 0.554 |
| 0134406 | 5 x 35 | Yes | Colour | 45.8 | 0.554 |
| 0134581 | 1 x 50 | No | Colour | 20.6 | 0.386 |
| 0134515 | 4 x 50 | Yes | Colour | 47.5 | 0.386 |
| 0134516 | 5 x 50 | Yes | Colour | 50.8 | 0.386 |
| 0134602 | 1 x 70 | No | Colour | 23.3 | 0.272 |
| 0134609 | 4 x 70 | Yes | Colour | 54 | 0.272 |
| 0134509 | 5 x 70 | Yes | Colour | 58.6 | 0.272 |
| 0134645 | 1 x 95 | No | Colour | 26 | 0.206 |
| 0134613 | 4 x 95 | Yes | Colour | 61 | 0.206 |
| 0134510 | 5 x 95 | Yes | Colour | 60.7 | 0.206 |
| 0134700 | 1 x 120 | No | Colour | 28.6 | 0.161 |
| 0134702 | 4 x 120 | Yes | Colour | 66 | 0.161 |
| 0134660 | 1 x 150 | No | Colour | 31.4 | 0.129 |
| 0134517 | 4 x 150 | Yes | Colour | 73 | 0.129 |
| 0134650 | 1 x 185 | No | Colour | 34.4 | 0.106 |
| 0134518 | 4 x 185 | Yes | Colour | 80 | 0.106 |
| 0134630 | 1 x 240 | No | Colour | 38.3 | 0.0801 |
| 0134634 | 1 x 300 | No | Colour | 41.9 | 0.0641 |