



H07ZZ-F Halogen-Free Rubber Sheathed Cable

Application: For indoor use and the temporary outdoor use. Especially for applications where allowed in case of fire, only small amounts of smoke.



Construction:
 1 stranded bare copper (KL 5)
 2 core insulation of extruded rubber compound
 3 outer sheath of halogen-free rubber compound, black

Standards:
 DIN VDE 0285-525-3-21
 DIN EN 60228 Class 5 (construction)
 HD 308 S2 (core identification)

Technical data:

| | | |
|-----------------------------------|-------------------|----------------------------|
| Nominal voltage U ₀ /U | [V] | 450 / 750 Volt |
| Test voltage | [V] _{AC} | 2000 |
| Temperature range | in motion | -5°C bis +50°C |
| Bending radius | in motion | 7 x diameter |
| Flammability | standard | EN 50266-1 EN 50266-2-4 |

| Number of cores and nominal cross section mm ² | from stock | Copper figure kg/km | Overall diameter appr. mm | Weight appr. kg / km |
|---|------------|---------------------|---------------------------|----------------------|
| 1 x 16 | ○ | 160 | 12,1 | 259 |
| 1 x 25 | ○ | 250 | 14,1 | 375 |
| 1 x 35 | ○ | 350 | 16,1 | 492 |
| 1 x 50 | ○ | 500 | 18,5 | 675 |
| 1 x 70 | ○ | 700 | 20,9 | 908 |
| 1 x 95 | ○ | 950 | 22,9 | 1.171 |
| 1 x 120 | ○ | 1.200 | 25,7 | 1.445 |
| 1 x 150 | ○ | 1.500 | 28,3 | 1.783 |
| 1 x 185 | ○ | 1.850 | 31,0 | 2.125 |
| 1 x 240 | ○ | 2.400 | 34,3 | 2.733 |
| 1 x 300 | ○ | 3.000 | 37,7 | 3.348 |
| 2 x 1,5 | ○ | 30 | 9,7 | 109 |
| 2 x 2,5 | ○ | 50 | 11,7 | 158 |
| 2 x 10 | ○ | 200 | 19,7 | 539 |
| 3 G 1,5 | ○ | 45 | 10,5 | 134 |
| 3 G 2,5 | ● | 75 | 12,5 | 196 |
| 4 G 1,5 | ○ | 60 | 11,7 | 166 |
| 4 G 2,5 | ○ | 100 | 13,8 | 241 |
| 4 G 4 | ○ | 160 | 16,0 | 336 |
| 4 G 6 | ○ | 240 | 17,8 | 449 |



| Number of cores and nominal cross section mm ² | from stock | Copper figure kg/km | Overall diameter appr. mm | Weight appr. kg / km |
|--|------------|---------------------------|------------------------------------|----------------------------|
| 4 G 10 | ○ | 400 | 23,7 | 833 |
| 4 G 16 | ○ | 640 | 26,9 | 1.138 |
| 4 G 25 | ○ | 1.000 | 32,7 | 1.714 |
| 4 G 35 | ○ | 1.400 | 36,8 | 2.204 |
| 4 G 50 | ○ | 2.000 | 42,6 | 3.029 |
| 4 G 70 | ○ | 2.800 | 48,3 | 4.121 |
| 4 G 95 | ○ | 3.800 | 54,7 | 5.361 |
| 4 G 120 | ○ | 4.800 | 59,5 | 6.546 |
| 4 G 150 | ○ | 6.000 | 65,5 | 8.095 |
| 4 G 185 | ○ | 7.400 | 72,0 | 9.652 |
| 4 G 240 | ○ | 9.600 | 81,5 | 12.614 |
| 4 G 300 | ○ | 12.000 | 90,5 | 17.045 |
| 5 G 1 | ○ | 50 | 11,6 | 168 |
| 5 G 1,5 | ○ | 75 | 12,8 | 206 |
| 5 G 2,5 | ● | 125 | 15,1 | 297 |
| 5 G 4 | ○ | 200 | 17,7 | 422 |
| 5 G 6 | ● | 300 | 19,8 | 567 |
| 5 G 10 | ○ | 500 | 26,0 | 1.010 |
| 5 G 16 | ● | 800 | 29,8 | 1.400 |
| 5 G 25 | ○ | 1.250 | 36,0 | 2.096 |
| 7 G 1,5 | ○ | 105 | 14,8 | 315 |
| 12 G 1 | ○ | 120 | 15,0 | 450 |
| 18 G 1 | ○ | 180 | 18,0 | 625 |
| 24 G 1 | ○ | 240 | 22,0 | 810 |
| 36 G 1 | ○ | 360 | 32,0 | 1.150 |