

H05RR-F (GML)

Rubber Sheathed Cable for Weak Mechanical Stress

Application:

For general use in dry locations for connections of electrical apparatus submitted to weak mechanical strength, like vacuum cleaner, kitchen appliance, etc. unsuitable for industrial and agricultural use.



Construction:

- 1 fine-stranded bare copper
- 2 core insulation of rubber
- 3 outer sheath of ordinary ethylene propylene rubber, black

Standards:

DIN VDE 0282-4
DIN EN 60228 class 5 (construction)
HD 308 S2 (core identification)
HD 22.4 S4:2004

Technical data:

| | | | |
|-----------------------------------|------------------|-------------------|------------------|
| Nominal voltage U ₀ /U | | [V] | 300 / 500 Volt |
| Test voltage | | [V] _{AC} | 2000 |
| Temperature range | in motion | | -25°C till +60°C |
| Operating temperature | short circuit | °C | 200 |
| Short circuit time | max. | [sec] | 5 |
| Bending radius | one time / fixed | x diameter | 4 |
| | in motion | x diameter | 8 |
| Flammability | standard | | EN 60332-1-2 |

| Number of cores and nominal cross section | Copper figure | Cond. construction (appr. value) | Overall diameter | Weight |
|---|---------------|----------------------------------|------------------|-------------|
| mm ² | kg/km | mm | appr. mm | appr. kg/km |
| 2 X 0,75 | 14,4 | 24 x 0,21 | 6,2 | 56 |
| 3 G 0,75 | 21,6 | 24 x 0,21 | 6,7 | 72 |
| 4 G 0,75 | 28,8 | 24 x 0,21 | 7,3 | 86 |
| 5 G 0,75 | 36,0 | 24 x 0,21 | 8,2 | 109 |
| 2 X 1 | 19,2 | 32 x 0,21 | 6,8 | 68 |
| 3 G 1 | 28,8 | 32 x 0,21 | 7,2 | 82 |
| 4 G 1 | 38,4 | 32 x 0,21 | 7,8 | 98 |
| 2 X 1,5 | 28,8 | 30 x 0,26 | 8,2 | 101 |
| 3 G 1,5 | 43,2 | 30 x 0,26 | 8,8 | 120 |
| 4 G 1,5 | 57,6 | 30 x 0,26 | 9,8 | 155 |
| 5 G 1,5 | 72,0 | 30 x 0,26 | 10,7 | 185 |
| 2 X 2,5 | 48,0 | 50 x 0,26 | 9,7 | 145 |
| 3 G 2,5 | 72,0 | 50 x 0,26 | 10,2 | 180 |
| 4 G 2,5 | 96,0 | 50 x 0,26 | 11,2 | 225 |
| 5 G 2,5 | 120,0 | 50 x 0,26 | 12,7 | 282 |