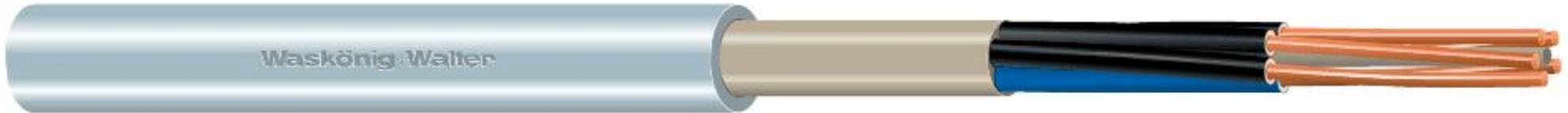


**Power cable**

Power cable, PVC insulated, copper conductor

**NYM-O**

300/500 V



According to VDE 0250 part 204.

| Characteristics  | Properties                          | Unit |
|--|-------------------------------------|------|
| Conductor material   | Copper                              |      |
| Core insulation material   | Polyvinyl chloride (PVC)            |      |
| Core identification according to HD 308 S2                           | Yes                                 |      |
| Protective conductor   | No                                  |      |
| Max. conductor temperature   | 70                                  | °C   |
| Screen   | No                                  |      |
| Armouring/reinforcement  | None                                |      |
| Material outer sheath  | Polyvinyl chloride (PVC)            |      |
| Colour outer sheath  | Grey                                |      |
| Reaction-to-fire according to EN 13501-6: Class                      | Eca                                 |      |
| Halogen free (acc. EN 60754-1/2)                                     | No                                  |      |
| Flame retardant  | In accordance with IEC/EN 60332-1-2 |      |
| Low smoke (acc. EN 61034-2)  | No                                  |      |
| Permitted cable outer temperature during assembling/handling         | 5 <=> 70                            | °C   |
| Permitted cable outer temperature after assembling without vibration | -40 <=> 70                          | °C   |

| Characteristics                     | Properties | Unit      |
|-------------------------------------|------------|-----------|
| Nominal voltage U0                  | 300        | V         |
| Nominal voltage U                   | 500        | V         |
| Shape of conductor                  | Round      |           |
| Suitable as installation cable      | Yes        |           |
| Certified for shipboard application | No         |           |
| Suitable as medium-voltage cable    | No         |           |
| Suitable as high-voltage cable      | No         |           |
| Certified as airport lighting cable | No         |           |
| Minimum bending radius              | 8          | x Außen-Ø |
| max. short circuit temperature      | 160        | °C        |
| Core colour                         |            |           |

| Product         |   |                    |   |                         |                                |                      | Packaging |                          |                          |   |              |                      |                    |
|-----------------|---|--------------------|---|-------------------------|--------------------------------|----------------------|-----------|--------------------------|--------------------------|---|--------------|----------------------|--------------------|
| Number of cores | Nominal cross section conductor (in mm <sup>2</sup> ) | Conductor category | Conductor resistance at 20 °C (in EU571143) | Kerndurchmesser (in mm) | Outer diameter approx. (in mm) | Weight (in EU571166) | Packing   | Individual length (in m) | Außendurchmesser (in mm) | Bruttogewicht pro Paletteinheit (in kg) | Höhe (in mm) | Paletteinheit (in m) | Net weight (in kg) |
| 3               | 1.5   | Class 1 = solid    | 12.1  | 200                     | 9                              | 111.1                | Ring      | 50                       | 350                      | 522.75                                  | 52           | 4,500                | 6                  |
| 3               | 1.5   | Class 1 = solid    | 12.1  | 200                     | 9                              | 111.1                | Ring      | 100                      | 390                      | 689.4                                   | 76           | 6,000                | 11                 |
| 3               | 1.5   | Class 1 = solid    | 12.1  | 150                     | 9                              | 111.1                | Drum      | 500                      | 410                      | 726.6                                   | 419          | 6,000                | 56                 |
| 4               | 10  | Class 1 = solid    | 1.83  | 300                     | 17                             | 585.17               | Ring      | 50                       | 470                      | 554.06                                  | 128          | 900                  | 30                 |
| 4               | 10  | Class 1 = solid    | 1.83  | 300                     | 17                             | 585.17               | Ring      | 100                      | 590                      | 731.15                                  | 129          | 1,200                | 59                 |
| 4               | 10  | Class 1 = solid    | 1.83  | 355                     | 17                             | 585.17               | Drum      | 250                      | 710                      | 172.57                                  | 520          | 250                  | 148                |
| 4               | 10  | Class 1 = solid    | 1.83  | 450                     | 17                             | 585.17               | Drum      | 500                      | 900                      | 342.15                                  | 690          | 500                  | 295                |
| 4               | 16  | Class 2 = stranded | 1.15  | 300                     | 20                             | 904.75               | Ring      | 50                       | 590                      | 746.6                                   | 95           | 800                  | 45                 |

| Product         |  |                    |   |                         |                                |                      | Packaging |                          |                          |   |              |                      |                    |
|-----------------|--|--------------------|---|-------------------------|--------------------------------|----------------------|-----------|--------------------------|--------------------------|---|--------------|----------------------|--------------------|
| Number of cores | Nominal cross section conductor (in mm²) | Conductor category | Conductor resistance at 20 °C (in EU571143) | Kerndurchmesser (in mm) | Outer diameter approx. (in mm) | Weight (in EU571166) | Packing   | Individual length (in m) | Außendurchmesser (in mm) | Bruttogewicht pro Paletteinheit (in kg) | Höhe (in mm) | Paletteinheit (in m) | Net weight (in kg) |
| 4               | 16                                       | Class 2 = stranded | 1.15  | 300                     | 20                             | 904.75               | Ring      | 100                      | 790                      | 656.13                                  | 92           | 700                  | 90                 |
| 4               | 16                                       | Class 2 = stranded | 1.15  | 400                     | 20                             | 904.75               | Drum      | 250                      | 800                      | 257.19                                  | 520          | 250                  | 226                |
| 4               | 16                                       | Class 2 = stranded | 1.15  | 500                     | 20                             | 904.75               | Drum      | 500                      | 1,000                    | 523.38                                  | 710          | 500                  | 452                |