

## ÖLFLEX® WIRE MS 2.1

USA: UL-listed (MTW), Canada: CSA (TEW), Europe: <HAR> H07V-K (depending on cross s.), tin-coated strands

Formerly: MULTI-STANDARD SC 2.1

ÖLFLEX® WIRE MS 2.1, power and control cable, PVC single core for field wiring, UL MTW VW-1, UL AWM style 1015 600 V, CSA TEW FT1, HAR H07V-K

### Info

Formerly: MULTI-STANDARD SC 2.1

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)



Oil-resistant

### Benefits

For use in the most important global markets

Reduction in technical documentation

Easier storage; increases the cost-effectiveness of the production process

Works with "Conductor end sleeves XL, insulated"

### Application range

Factory wiring

Field wiring

Internal wiring of devices

Control cabinet wiring

Green insulated single cores  $\geq 4$  AWG are usable as EGC/ Equipment Grounding Conductor on cable tray according to NFPA 70 (NEC)

### Product features

Flame-retardant according IEC 60332-1-2

Flame-retardant according to UL VW1/CSA FT1

Oil-resistant

Last Update (13.11.2025)

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## ÖLFLEX® WIRE MS 2.1

### Norm references / Approvals

Multi-standard cables have conductor strands with nominal sizes in mm<sup>2</sup> or AWG/kcmil. The master size is mentioned in the table below, while the equivalent size of the other system can be found in the Appendix T16 of this catalogue. For this related secondary size the cross-section of the conductor mostly works out to be greater than the specified nominal value.

Cable type certifications: <HAR> H07V-K acc. EN 50525-2-31, UL AWM

style 1015 (by UL acc. UL standard UL 758, U.I. Lapp GmbH's UL AWM file number: E63634), (UL) MTW (by UL acc. UL standard UL 1063, U.I. Lapp GmbH's (UL) MTW file number: E198296), CSA TEW (by CSA acc.

CSA standard CSA C22.2 No. 127, CSA class 5835-01)

### Product Make-up

Fine-wire strand made of tinned-copper wires

Special PVC-based core insulation

### Technical Data

|                         |                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Classification ETIM 5:  | ETIM 5.0 Class-ID: EC000993<br>ETIM 5.0 Class-Description: Single core cable                                                    |
| Classification ETIM 6:  | ETIM 6.0 Class-ID: EC000993<br>ETIM 6.0 Class-Description: Single core cable                                                    |
| Conductor stranding:    | Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5                                                                      |
| Minimum bending radius: | OD ≤ 8 mm: 4 x OD*/2 x OD**;<br>8 < OD ≤ 12 mm: 5 x OD*/3 x OD**;<br>OD > 12 mm: 6 x OD*/4 x OD**                               |
| Nominal voltage:        | HAR / IEC: U0/U: 450/750 V;<br>UL (AWM): U: 600 V;<br>UL (MTW): U: 600 V;<br>CSA (TEW): U: 600 V                                |
| Temperature range:      | Fixed installation:<br>HAR/IEC: -40°C to +70°C;<br>UL (AWM): up to +105°C;<br>UL (MTW): up to +90°C;<br>CSA (TEW): up to +105°C |

### Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Packaging size: Coil ≤ 30 kg, otherwise drum

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

Non-harmonised, nominal cross-sections: 0.5 mm<sup>2</sup>, 0.75 mm<sup>2</sup>, 1 mm<sup>2</sup>, 16 mm<sup>2</sup>

\*for conventional use, \*\*for careful bending; "OD" = outer diameter

The outer diameters stated in the part number table are maximum values.

**ÖLFLEX® WIRE MS 2.1**

| Article number | Core colour  | Conductor cross-section (mm <sup>2</sup> ) | Outer diameter [mm] | m/ring | m/box | Copper index (kg/km) | Weight (kg/km) |
|----------------|--------------|--------------------------------------------|---------------------|--------|-------|----------------------|----------------|
| 4160485        | white-orange | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160585        | white-orange | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160685        | white-orange | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160100        | green/yellow | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160111        | green        | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160103        | brown        | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160103K       | brown        | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160101        | black        | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160101K       | black        | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160106        | grey         | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160106K       | grey         | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160102        | blue         | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160102K       | blue         | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160114        | dark blue    | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160114K       | dark blue    | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160109        | orange       | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160109K       | orange       | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160107        | violet       | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160107K       | violet       | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160110        | yellow       | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160105        | white        | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160105K       | white        | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160104        | red          | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160104K       | red          | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160108        | pink         | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160126        | blue/white   | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160144        | white/blue   | 0.5                                        | 2.7                 | 100    | -     | 4.8                  | 11             |
| 4160144K       | white/blue   | 0.5                                        | 2.7                 | -      | 3000  | 4.8                  | 11             |
| 4160200        | green/yellow | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160200K       | green/yellow | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160211        | green        | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160203        | brown        | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160203K       | brown        | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160201        | black        | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
|                |              |                                            |                     |        |       |                      |                |

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# ÖLFLEX® WIRE MS 2.1

| Article number | Core colour  | Conductor cross-section (mm <sup>2</sup> ) | Outer diameter [mm] | m/ring | m/box | Copper index (kg/km) | Weight (kg/km) |
|----------------|--------------|--------------------------------------------|---------------------|--------|-------|----------------------|----------------|
| 4160201K       | black        | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160206        | grey         | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160206K       | grey         | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160202        | blue         | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160202K       | blue         | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160214        | dark blue    | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160214K       | dark blue    | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160209        | orange       | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160209K       | orange       | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160207        | violet       | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160207K       | violet       | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160210        | yellow       | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160205        | white        | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160205K       | white        | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160204        | red          | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160208        | pink         | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160226        | blue/white   | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160226K       | blue/white   | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160244        | white/blue   | 0.75                                       | 2.9                 | 100    | -     | 7.2                  | 14             |
| 4160244K       | white/blue   | 0.75                                       | 2.9                 | -      | 2500  | 7.2                  | 14             |
| 4160300        | green/yellow | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160300K       | green/yellow | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160311        | green        | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160303        | brown        | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160303K       | brown        | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160301        | black        | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160301K       | black        | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160306        | grey         | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160306K       | grey         | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160302        | blue         | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160302K       | blue         | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160314        | dark blue    | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160314K       | dark blue    | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160309        | orange       | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
|                |              |                                            |                     |        |       |                      |                |

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| Article number | Core colour  | Conductor cross-section (mm <sup>2</sup> ) | Outer diameter [mm] | m/ring | m/box | Copper index (kg/km) | Weight (kg/km) |
|----------------|--------------|--------------------------------------------|---------------------|--------|-------|----------------------|----------------|
| 4160309K       | orange       | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160307        | violet       | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160310        | yellow       | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160310K       | yellow       | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160305        | white        | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160305K       | white        | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160304        | red          | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160304K       | red          | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160308        | pink         | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160326        | blue/white   | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160326K       | blue/white   | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160344        | white/blue   | 1                                          | 3.1                 | 100    | -     | 9.6                  | 16             |
| 4160344K       | white/blue   | 1                                          | 3.1                 | -      | 2000  | 9.6                  | 16             |
| 4160400        | green/yellow | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160400K       | green/yellow | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160411        | green        | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160403        | brown        | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160403K       | brown        | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160401        | black        | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160401K       | black        | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160406        | grey         | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160406K       | grey         | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160402        | blue         | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160402K       | blue         | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160414        | dark blue    | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160414K       | dark blue    | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160409        | orange       | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160409K       | orange       | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160407        | violet       | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160410        | yellow       | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160410K       | yellow       | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160405        | white        | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160405K       | white        | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160404        | red          | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
|                |              |                                            |                     |        |       |                      |                |

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| Article number | Core colour  | Conductor cross-section (mm <sup>2</sup> ) | Outer diameter [mm] | m/ring | m/box | Copper index (kg/km) | Weight (kg/km) |
|----------------|--------------|--------------------------------------------|---------------------|--------|-------|----------------------|----------------|
| 4160404K       | red          | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160408        | pink         | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160426        | blue/white   | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160426K       | blue/white   | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160444        | white/blue   | 1.5                                        | 3.4                 | 100    | -     | 14.4                 | 22             |
| 4160444K       | white/blue   | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160457        | white-yellow | 1.5                                        | 3.4                 | -      | 1500  | 14.4                 | 22             |
| 4160500        | green/yellow | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160500K       | green/yellow | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160511        | green        | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160503        | brown        | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160503K       | brown        | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160501        | black        | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160501K       | black        | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160506        | grey         | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160506K       | grey         | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160502        | blue         | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160502K       | blue         | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160514        | dark blue    | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160514K       | dark blue    | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160509        | orange       | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160509K       | orange       | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160507        | violet       | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160510        | yellow       | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160510K       | yellow       | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160505        | white        | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160505K       | white        | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160504        | red          | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160504K       | red          | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160526        | blue/white   | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160544        | white/blue   | 2.5                                        | 4                   | 100    | -     | 24                   | 37             |
| 4160544K       | white/blue   | 2.5                                        | 4                   | -      | 900   | 24                   | 37             |
| 4160600        | green/yellow | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160600K       | green/yellow | 4                                          | 4.6                 | -      | 600   | 38.4                 | 49             |
|                |              |                                            |                     |        |       |                      |                |

## ÖLFLEX® WIRE MS 2.1

| Article number | Core colour  | Conductor cross-section (mm <sup>2</sup> ) | Outer diameter [mm] | m/ring | m/box | Copper index (kg/km) | Weight (kg/km) |
|----------------|--------------|--------------------------------------------|---------------------|--------|-------|----------------------|----------------|
| 4160611        | green        | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160603        | brown        | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160603K       | brown        | 4                                          | 4.6                 | -      | 600   | 38.4                 | 49             |
| 4160601        | black        | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160601K       | black        | 4                                          | 4.6                 | -      | 600   | 38.4                 | 49             |
| 4160606        | grey         | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160602        | blue         | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160602K       | blue         | 4                                          | 4.6                 | -      | 600   | 38.4                 | 49             |
| 4160614        | dark blue    | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160614K       | dark blue    | 4                                          | 4.6                 | -      | 600   | 38.4                 | 49             |
| 4160609        | orange       | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160609K       | orange       | 4                                          | 4.6                 | -      | 600   | 38.4                 | 49             |
| 4160607        | violet       | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160610        | yellow       | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160610K       | yellow       | 4                                          | 4.6                 | -      | 600   | 38.4                 | 49             |
| 4160605        | white        | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160604        | red          | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160604K       | red          | 4                                          | 4.6                 | -      | 600   | 38.4                 | 49             |
| 4160626        | blue/white   | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160644        | white/blue   | 4                                          | 4.6                 | 100    | -     | 38.4                 | 49             |
| 4160700        | green/yellow | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160700K       | green/yellow | 6                                          | 5.1                 | -      | 400   | 57.6                 | 67             |
| 4160711        | green        | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160703        | brown        | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160701        | black        | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160701K       | black        | 6                                          | 5.1                 | -      | 400   | 57.6                 | 67             |
| 4160706        | grey         | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160706K       | grey         | 6                                          | 5.1                 | -      | 400   | 57.6                 | 67             |
| 4160702        | blue         | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160702K       | blue         | 6                                          | 5.1                 | -      | 400   | 57.6                 | 67             |
| 4160714        | dark blue    | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160714K       | dark blue    | 6                                          | 5.1                 | -      | 400   | 57.6                 | 67             |
| 4160709        | orange       | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160709K       | orange       | 6                                          | 5.1                 | -      | 400   | 57.6                 | 67             |
|                |              |                                            |                     |        |       |                      |                |

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| Article number | Core colour  | Conductor cross-section (mm <sup>2</sup> ) | Outer diameter [mm] | m/ring | m/box | Copper index (kg/km) | Weight (kg/km) |
|----------------|--------------|--------------------------------------------|---------------------|--------|-------|----------------------|----------------|
| 4160707        | violet       | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160710        | yellow       | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160705        | white        | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160704        | red          | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160704K       | red          | 6                                          | 5.1                 | -      | 400   | 57.6                 | 67             |
| 4160726        | blue/white   | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160744        | white/blue   | 6                                          | 5.1                 | 100    | -     | 57.6                 | 67             |
| 4160800        | green/yellow | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160811        | green        | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160803        | brown        | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160801        | black        | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160806        | grey         | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160802        | blue         | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160814        | dark blue    | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160809        | orange       | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160810        | yellow       | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160805        | white        | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160804        | red          | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160826        | blue/white   | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160844        | white/blue   | 10                                         | 6.8                 | 100    | -     | 96                   | 120            |
| 4160900        | green/yellow | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160911        | green        | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160903        | brown        | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160901        | black        | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160906        | grey         | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160902        | blue         | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160914        | dark blue    | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160909        | orange       | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160910        | yellow       | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160905        | white        | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4160904        | red          | 16                                         | 9                   | 100    | -     | 153.6                | 185            |
| 4161000        | green/yellow | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
| 4161011        | green        | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
| 4161003        | brown        | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
|                |              |                                            |                     |        |       |                      |                |



**ÖLFLEX® WIRE MS 2.1**

| Article number | Core colour  | Conductor cross-section (mm <sup>2</sup> ) | Outer diameter [mm] | m/ring | m/box | Copper index (kg/km) | Weight (kg/km) |
|----------------|--------------|--------------------------------------------|---------------------|--------|-------|----------------------|----------------|
| 4161001        | black        | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
| 4161006        | grey         | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
| 4161002        | blue         | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
| 4161009        | orange       | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
| 4161010        | yellow       | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
| 4161005        | white        | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
| 4161004        | red          | 25                                         | 10.2                | 100    | -     | 240                  | 260            |
| 4161100        | green/yellow | 35                                         | 11.7                | -      | -     | 336                  | 360            |
| 4161111        | green        | 35                                         | 11.7                | -      | -     | 336                  | 360            |
| 4161101        | black        | 35                                         | 11.7                | -      | -     | 336                  | 360            |
| 4161106        | grey         | 35                                         | 11.7                | -      | -     | 336                  | 360            |
| 4161102        | blue         | 35                                         | 11.7                | -      | -     | 336                  | 360            |
| 4161105        | white        | 35                                         | 11.7                | -      | -     | 336                  | 360            |
| 4161104        | red          | 35                                         | 11.7                | -      | -     | 336                  | 360            |
| 4161200        | green/yellow | 50                                         | 13.9                | -      | -     | 480                  | 535            |
| 4161211        | green        | 50                                         | 13.9                | -      | -     | 480                  | 535            |
| 4161201        | black        | 50                                         | 13.9                | -      | -     | 480                  | 535            |
| 4161202        | blue         | 50                                         | 13.9                | -      | -     | 480                  | 535            |
| 4161300        | green/yellow | 70                                         | 16                  | -      | -     | 672                  | 735            |
| 4161301        | black        | 70                                         | 16                  | -      | -     | 672                  | 735            |
| 4161400        | green/yellow | 95                                         | 18.2                | -      | -     | 912                  | 930            |
| 4161401        | black        | 95                                         | 18.2                | -      | -     | 912                  | 930            |
| 4161402        | blue         | 95                                         | 18.2                | -      | -     | 912                  | 930            |
| 4161500        | green/yellow | 120                                        | 19.8                | -      | -     | 1152                 | 1160           |
| 4161501        | black        | 120                                        | 19.8                | -      | -     | 1152                 | 1160           |
| 4161502        | blue         | 120                                        | 19.8                | -      | -     | 1152                 | 1160           |

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You can find the current technical data in the corresponding data sheet.

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**ÖLFLEX® WIRE MS 2.1**