

ÖLFLEX® HEAT 105 MC

Colour-coded connection cables made of high heat-resistant PVC

ÖLFLEX® HEAT 105 MC - PVC power cable based on type H05V2V2-F for use in mashines, transformers, switch cabinets and appliances for up to +90°C

Info

Based on H05V2V2-F

Further dimensions/colours on request

CPR: Article number choice under www.lappkabel.com/cpr



Temperature-resistant



UV-resistant

Benefits

Possible to operate at higher peak temperature (almost 30% more) compared to conventional PVC cables

Application range

For connection of motors, transformers, reels, plants, machines, appliances, switch cabinets and other installations with a higher operating or ambient temperature

For indoor and outdoor use

Product features

Resistant to acids, alkalis and certain oils at room temperature

Flame-retardant according IEC 60332-1-2

Good UV-resistance

Norm references / Approvals

Based on EN 50525-2-11

Last Update (23.04.2024)

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Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

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Product Make-up

Fine-wire strand made of bare copper wires
Core insulation: PVC, high heat-resistance
Cores twisted in layers
Outer sheath: PVC, heat-resistant, black (RAL 9005)

Technical Data

| | |
|---------------------------|--|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable |
| Core identification code: | Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 6 cores: ÖLFLEX® colour code, refer to Appendix T7 |
| Conductor stranding: | Fine wire according to VDE 0295, class 5/IEC 60228 class 5 |
| Minimum bending radius: | Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter |
| Nominal voltage: | U0/U: 300/500 V |
| Test voltage: | 2500 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Short-term: +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.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil \leq 30 kg or \leq 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

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.

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| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|---------------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® HEAT 105 MC | | | | |
| 0026001 | 2 X 0.75 | 6.2 | 14.4 | 53 |
| 0026002 | 3 G 0.75 | 6.5 | 21.6 | 62 |
| 00260033 | 4 G 0.75 | 7.1 | 28.8 | 76 |
| 00260043 | 5 G 0.75 | 8 | 36 | 95 |
| 0026005 | 7 G 0.75 | 9.7 | 50 | 113 |
| 0026006 | 2 X 1.0 | 6.5 | 19.2 | 61 |
| 0026007 | 3 G 1.0 | 6.9 | 29 | 74 |
| 00260083 | 4 G 1.0 | 7.7 | 38.4 | 89 |
| 00260093 | 5 G 1.0 | 8.4 | 48 | 110 |
| 0026010 | 7 G 1.0 | 10.2 | 67 | 130 |
| 0026011 | 2 X 1.5 | 7.5 | 29 | 78 |
| 0026012 | 3 G 1.5 | 8.1 | 43.2 | 98 |
| 00260133 | 4 G 1.5 | 8.9 | 57.6 | 122 |
| 00260143 | 5 G 1.5 | 10 | 72 | 144 |
| 0026015 | 7 G 1.5 | 12.3 | 101 | 180 |