



## ÖLFLEX® HEAT 105 MC

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

LAPP KABEL STUÏGART ÖLFLEX® HEAT 105 MC CE

**Info**

- Based on H05V2V2-F

### 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

### 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 VDE 0250 / 0285

### 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 5.0 Class-ID: EC001578  
ETIM 5.0 Class-Description: Flexible cable
- Core identification code**  
Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9  
From 7 cores: ÖLFLEX® colour code, refer to Appendix T7
- Specific insulation resistance**  
> 20 GOhm x cm
- Conductor stranding**  
Fine wire acc. to VDE 0295, class 5 / IEC 60228 class 5 from 0.5 mm<sup>2</sup>
- Minimum bending radius**  
Occasional flexing: 15 x outer diameter  
Fixed installation: 4 x outer diameter
- Nominal voltage**  
U<sub>0</sub>/U: 300/500 V
- Test voltage**  
2500 V
- Protective conductor**  
G = with GN-YE protective conductor  
X = without protective conductor
- Temperature range**  
Fixed installation: -20°C to +90°C  
Short-term: +105 °C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® HEAT 105 MC</b>				
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	8.0	36.0	95
0026005	7 G 0.75	9.7	50.0	113
0026006	2 X 1	6.5	19.2	61
0026007	3 G 1	6.9	29.0	74
00260083	4 G 1	7.7	38.4	89
00260093	5 G 1	8.4	48.0	110
0026010	7 G 1	10.2	67.0	130
0026011	2 X 1.5	7.5	29.0	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	10.0	72.0	144
0026015	7 G 1.5	12.3	101.0	180

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
Copper price basis: EUR 150/100kg. Refer to catalogue appendix T 17 for the definition and calculation of copper-related surcharges.  
Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)  
Packaging size: coil ≤ 30 kg or ≤ 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 are not to scale and do not represent detailed images of the respective products.