



ÖLFLEX® HEAT 105 MC

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



Info

- Based on H05V2V2-F
- Further dimensions/colours on request

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

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 5/6
 ETIM 5.0/6.0 Class-ID: EC001578
 ETIM 5.0/6.0 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
 Occasional flexing: +5°C to +90°C
 Fixed installation: -20°C to +90°C
 Short-term: +105 °C

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	8.0	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	10.0	72	144
0026015	7 G 1.5	12.3	101	180

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
 Copper price basis: EUR 150/100 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 ≤ 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 and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- ÖLFLEX® HEAT 125 MC refer to page 181

Accessories

- SKINTOP® CLICK refer to page 687
- Cable shears with double edge refer to page 980