

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 (24.04.2024)

©2024 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

ÖLFLEX® HEAT 105 MC

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.

ÖLFLEX® HEAT 105 MC

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