


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® HEAT 105 MC	29.11.2013

Colour-coded connection cables made of high heat-resistant PVC
Possible to operate at higher peak temperature (almost 30% more) compared to conventional PVC cables



Temperature-resistant



UV-resistant

Info

Based on H05V2V2-F

Application range

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

Design

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)

Norm references / Approvals

Based on VDE 0250 / 0285

Product features

Resistant to acids, alkalis and certain oils at room temperature
Flame-retardant according IEC 60332-1-2
Good UV-resistance

Remark

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

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Technical Data

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
Classification:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
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 ²
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U ₀ /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

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Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
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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