

Colour coded connection cables made of increased heat-resistant PVC

### Product Description

Almost 30% higher peak temperature possible in comparison to conventional PVC cables



### Application range

- For the connection of motors, transformers, machines, appliances, switch cabinets and other installations with increased ambient temperature

### Benefits

- Almost 30% higher peak temperature possible in comparison to conventional PVC cables

### Design

- Fine strands of bare copper wires
- Core insulation of heat resistant PVC
- Cores twisted in layers
- Outer sheath of heat resistant PVC, Colour black (RAL 9005)

### Product features

- Flame retardant according to IEC 60332-1-2
- At room temperature resistant against a multitude of oils and chemical media
- Good UV resistance



Technical Data

**Core identification code**

Up to 5 cores: colour coded according VDE 0293-308, see Appendix T9  
Starting at 7 cores: ÖLFLEX® colour code, see Appendix T 7

**Based on**

VDE 0281 resp. 0250

**Specific insulation resistance**

> 20 GOhm x cm

**Conductor stranding**

Fine wire according to VDE 0295, Class 5 / IEC 60228 Cl. 5 from 0.5 mm<sup>2</sup>

**Minimum bending radius**

Occasional flexing: 15 x cable diameter  
Fixed installation: 4 x cable diameter

**Rated voltage**

U0/U 300/500 V

**Test voltage**

2500 V

**Protective conductor**

G = with protective conductor GN/YE  
X = without protective conductor

**Range of temperature**

Fixed installation: -20°C up to +90°C  
Temporary: +105°C

Article List

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in 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	36.0	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



**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil  $\leq$  30 kg and  $\leq$  250 m, otherwise drum

Please specify the desired packaging size (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.