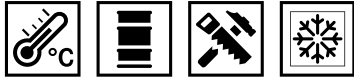


Expanded ambient temperatures

PTFE cables (-190°C to +260°C)



# ÖLFLEX® HEAT 260 GLS

Steel-armoured PTFE cables for increased mechanical stress



**Info**

- Good thermal and mechanical performance
- Robust cable design
- GL - Germanischer Lloyd approved

**Benefits**

- Close-meshed braid made of galvanised steel wires protects against mechanical damage
- Small outer diameters for maximum saving of space and weight
- Germanischer Lloyd approval for use with ship diesel engines

**Application range**

- Extremely high temperatures and mechanical stress require special insulated and armoured cables
- Main applications
  - Ship-building
  - Signal systems
  - Monitoring devices
  - Diesel engines
  - Steam boiler units
  - Turbine manufacturing

**Product features**

- Flame-retardant
- Stress crack resistant to frequent ambient temperature fluctuations
- High dielectric strength and high abrasion resistance
- High elongation resistance and tear strength
- Only suitable for use in dry conditions

**Norm references / Approvals**

- GL - Germanischer Lloyd approved

**Product make-up**

- Fine-wire strand made of nickel-plated copper
- PTFE-based core insulation
- Cores twisted together
- Impregnated glass fibre braiding
- Galvanised steel wire braiding

**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  
7-core version:  
gn/ye, bl, bn, bk, bk, bk, tr

**Specific insulation resistance**  
> 1 TOhm x cm

**Conductor stranding**  
Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

**Minimum bending radius**  
In fixed installations:  
5 x cable diameter

**Nominal voltage**  
U<sub>0</sub>/U 300/500 V  
according to GL: 250 V

**Test voltage**  
1500 V

**Protective conductor**  
G = with GN-YE protective conductor  
X = without protective conductor

**Temperature range**  
Fixed installation: -190°C to +260°C  
According to GL: +205 °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 260 GLS</b>				
0091120	2 X 1.5	5.7	29.0	93
0091121	3 G 1.5	6.1	43.0	102
0091123	4 G 1.5	6.6	58.0	130
00911233	5 G 1.5	7.3	72.0	149
0091124	7 G 1.5	8.0	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 T17 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.

**Similar products**

- ÖLFLEX® HEAT 180 GLS refer to page 172

ÖLFLEX®  
UNITRONIC®  
ETHERLINE®  
HITRONIC®  
EPIC®  
SKINTOP®  
SILVYN®  
FLEXIMARK®  
ACCESSORIES  
APPENDIX